

Converting Colors

XYZ(82.5609, 88.5599,
104.8401)

Have a look what the booklet for
XYZ(82.5609, 88.5599, 104.8401)
contains.

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Color

**XYZ(82.5545, 88.5526,
104.8367)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F4FC
RGB	230, 244, 252
RGB Percent	90%, 96%, 99%
CMY	0.0980, 0.0431, 0.0118
CMYK	0.09, 0.03, 0.00, 0.01
HSL	202°, 79%, 95%
HSV	202°, 9%, 99%
XYZ	82.5545, 88.5526, 104.8367
YIQ	240.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

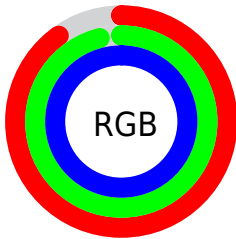
Format	Color
R _Y B	230, 239, 252
Decimal	15135996
CIE Lab	95.39, -3.09, -5.43
CIE LCh	95, 6.249, 240.414
Yxy	88.5526, 0.2992, 0.3209
Android (android.graphics.Color)	4293326076 (0xFFE6F4FC)
YUV	240.7260, 5.5581, -9.4067
Hunter-Lab	94.1024, -8.0840, -0.1816

Details

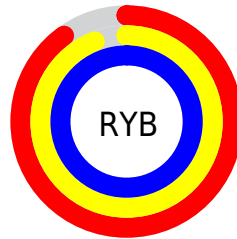
The XYZ color **82.5545, 88.5526, 104.8367** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.0028, 87.5572, 87.2846**, and the grayscale version is **83.3597, 87.7009, 95.5063**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2891, 48.9052, 58.6824** is the 20% darker color. If you saturate the color by 10%, you get **72.3574, 79.3077, 103.5911**, and if you desaturate by 10%, it is **93.9883, 98.6432, 106.1831**.

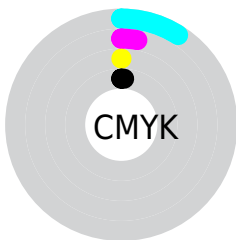
Distribution



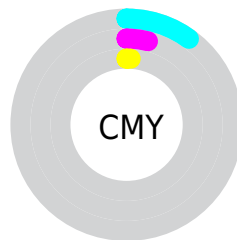
- Red (90%)
- Green (96%)
- Blue (99%)



- Red (90%)
- Yellow (94%)
- Blue (99%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (10%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5545, 88.5526, 104.8367 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 82.5545, 88.5526, 104.8367 by changing the saturation by 10% instead.

82.5545, 88.5526,
104.8367

82.5545, 88.5526,
104.8367

492.1070,
523.3112, 596.9694

62.1384, 66.7808,
79.7067

135.8831,
145.3262, 169.8978

45.4005, 48.9065,
58.9522

169.5263,
181.0969, 210.6660

31.9757, 34.5453,
42.1549

208.3092,
222.3026, 257.4839

21.4984, 23.3129,
28.8961

252.5972,
269.3278, 310.7702

13.6033, 14.8247,
18.7574

302.7556,
322.5569, 370.9433

7.9251, 8.6964,
11.3201

359.1498,

4.0985, 4.5437,

382.3742, 438.4219

6.1657

422.1451,
449.1642, 513.6244

■ 1.7580, 1.9821,
2.8757

■ 0.4922, 0.5971,
1.0315

■ 82.5545, 88.5526,
104.8367

■ 82.5545, 88.5526,
104.8367

■ 72.3574, 79.3077,
103.5911

■ 93.9883, 98.6432,
106.1831

■ 63.4118, 70.9061,
102.4409

■ 94.5709, 99.8084,
106.3773

■ 55.6649, 63.3198,
101.3849

■ 49.0567, 56.5149,
100.4197

■ 43.5215, 50.4545,
99.5417

■ 38.9867, 45.0978,
98.7467

■ 35.3696, 40.3990,
98.0304

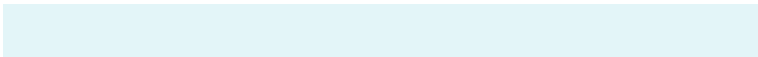
■ 32.5725, 36.3043,
97.3875

■ 30.4555, 32.7380,
96.8107

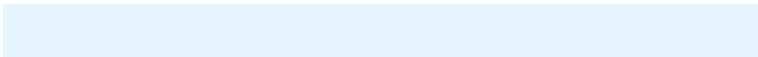
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3643, 88.5526, 101.2620



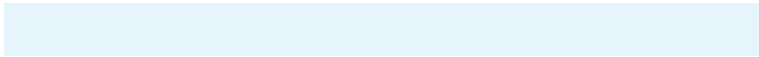
82.5545, 88.5526, 104.8367



84.1903, 88.5526, 106.1393

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5545, 88.5526, 104.8367



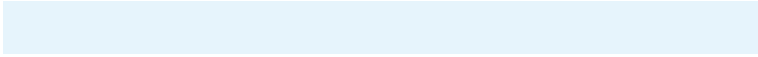
87.4956, 88.5526, 96.3508



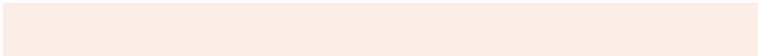
82.5139, 88.5526, 88.5281

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82.5545, 88.5526, 104.8367



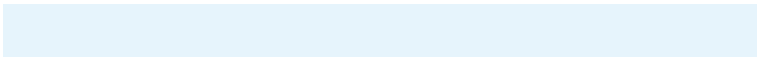
85.0028, 87.5572, 87.2846

Split Complementary

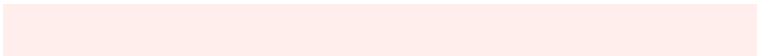
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.1429, 88.5526, 87.3105



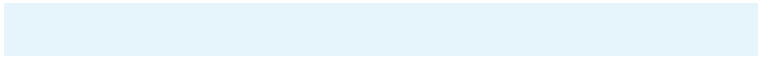
82.5545, 88.5526, 104.8367



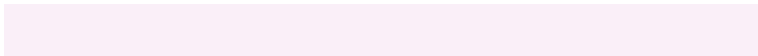
87.0325, 88.5526, 91.7324

Square

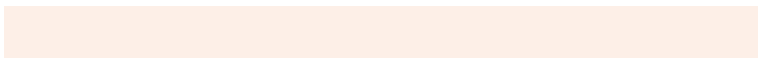
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



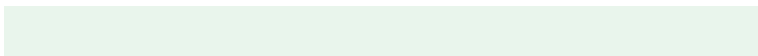
82.5545, 88.5526, 104.8367



87.0567, 88.5526, 101.1405



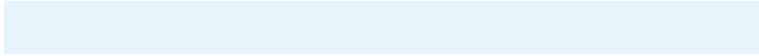
85.7995, 88.5526, 88.4639



81.3411, 88.5526, 91.8463

Rectangle

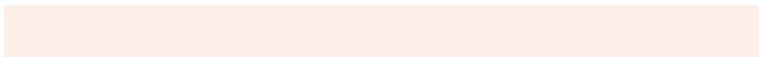
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5545, 88.5526, 104.8367



85.3180, 88.5526, 105.5107



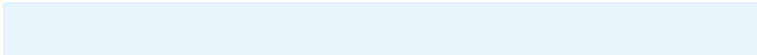
85.7995, 88.5526, 88.4639



83.0256, 88.5526, 87.8647

Sweetspot

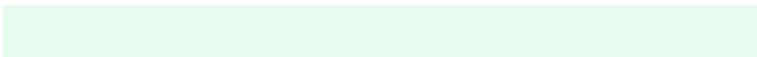
The Sweet Spot groups the original color and five complimentary colors.



82.5571, 88.5563, 104.8387



91.4107, 96.8166, 108.4773



82.8336, 92.6007, 94.1675



19.3619, 20.5436, 23.1948



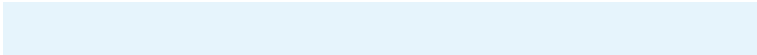
0.0000, 0.0000, 0.0000



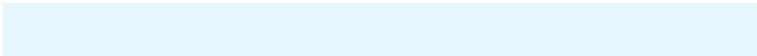
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5571, 88.5563, 104.8387



83.3970, 89.7086, 107.5277



79.4293, 82.3007, 103.7961



17.2043, 18.4854, 22.0466



15.8828, 17.1211, 50.4411



1.5718, 1.7872, 4.7053

Inverse Universe

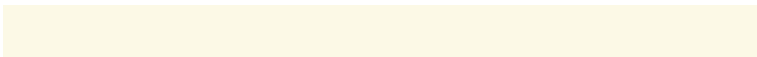
The Inverse Universe completely reimagines the original color for something new.



84.7728, 83.8226, 97.3036



85.9912, 84.2131, 98.6953



88.2122, 93.9761, 88.3544



17.7097, 17.4112, 20.3268



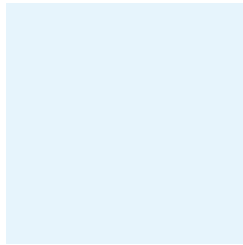
24.3089, 12.1393, 18.8670



2.3023, 1.1446, 2.0152

Previews

White Background



This preview shows how the XYZ color 82.5545, 88.5526, 104.8367 looks on a white background.

Color Contrast Check

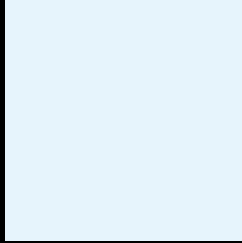
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 82.5545, 88.5526, 104.8367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

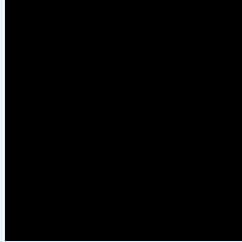
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

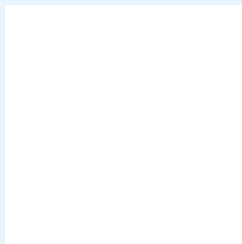
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5545, 88.5526, 104.8367

Background



This preview shows how black text looks on a background with the XYZ color 82.5545, 88.5526, 104.8367.



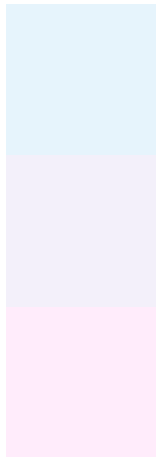
This preview shows how white text looks on a background with the XYZ color 82.5545, 88.5526,

104.8367.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.5545, 88.5526, 104.8367

Protanopia

85.3776, 88.2770, 102.9818

Deuteranopia

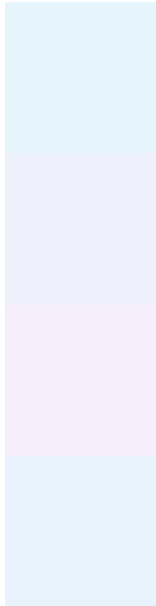
88.6480, 88.2159, 103.6219



Tritanopia

84.0631, 88.3864, 107.2374

Trichromacy



Original Color

82.5545, 88.5526, 104.8367

Protanomaly

84.1278, 88.0528, 103.8287

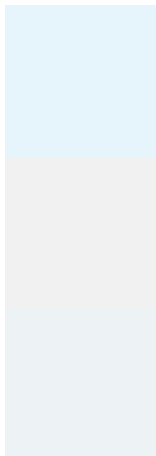
Deuteranomaly

86.2851, 88.2909, 103.7609

Tritanomaly

83.5443, 88.5806, 106.4604

Monochromacy



Original Color

82.5545, 88.5526, 104.8367

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.1586, 88.1014, 99.0085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5545, 88.5526, 104.8367 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(230, 244, 252)` looks like.

```
.text, #text, p{  
    color:rgb(230, 244, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 244, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 244, 252) }
```

Border

The CSS property to change the border of an element to XYZ 82.5545, 88.5526, 104.8367 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 244, 252) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(230, 244, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(230, 244, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 244, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 244, 252);  
box-shadow:4px 4px 4px 4px rgb(230, 244,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5545, 88.5526, 104.8367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 244, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230,  
244, 252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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