

Converting Colors

XYZ(82.4636, 87.1582,
105.4054)

Have a look what the booklet for
XYZ(82.4636, 87.1582, 105.4054)
contains.

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Color

**XYZ(82.4636, 87.1582,
105.4054)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F1FD
RGB	232, 241, 253
RGB Percent	91%, 95%, 99%
CMY	0.0902, 0.0549, 0.0078
CMYK	0.08, 0.05, 0.00, 0.01
HSL	214°, 84%, 95%
HSV	214°, 8%, 99%
XYZ	82.4636, 87.1582, 105.4054
YIQ	239.6770, -9.2160, 1.8240

Conversions

Conversions Part 2

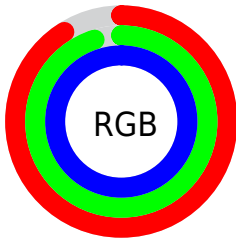
Format	Color
R_{YB}	232, 238, 253
Decimal	15266301
CIE _{Lab}	94.81, -0.73, -6.80
CIE _{LCh}	95, 6.843, 263.902
Yxy	87.1582, 0.2998, 0.3169
Android (android.graphics.Color)	4293456381 (0xFFE8F1FD)
YUV	239.6770, 6.5682, -6.7327
Hunter-Lab	93.3586, -5.7084, -1.5897

Details

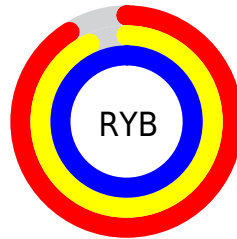
The XYZ color **82.4636, 87.1582, 105.4054** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.4245, 91.4096, 89.3815**, and the grayscale version is **82.5295, 86.8275, 94.5551**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2173, 47.9136, 59.0896** is the 20% darker color. If you saturate the color by 10%, you get **70.7256, 75.0081, 103.6802**, and if you desaturate by 10%, it is **94.7299, 99.8720, 107.2142**.

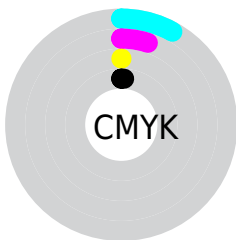
Distribution



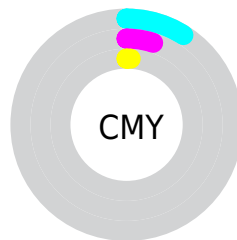
- Red (91%)
- Green (95%)
- Blue (99%)



- Red (91%)
- Yellow (93%)
- Blue (99%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4636, 87.1582, 105.4054 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 82.4636, 87.1582, 105.4054 by changing the saturation by 10% instead.

82.4636, 87.1582,
105.4054

82.4636, 87.1582,
105.4054

491.8081,
518.7426, 598.7814

62.0632, 65.6261,
80.1805

135.7564,
143.3846, 170.6822

45.3395, 47.9690,
59.3398

169.3794,
178.8478, 211.5712

31.9274, 33.8023,
42.4649

208.1407,
219.7234, 258.5187

21.4613, 22.7418,
29.1372

252.4056,
266.3959, 311.9431

13.5760, 14.4030,
18.9382

302.5394,
319.2497, 372.2630

7.9061, 8.4015,
11.4493

358.9075,

4.0862, 4.3529,

378.6691, 439.8970

6.2519

421.8753,
445.0386, 515.2637

■ 1.7510, 1.8729,
2.9276

■ 0.4879, 0.5320,
1.0578

■ 82.4636, 87.1582,
105.4054

■ 82.4636, 87.1582,
105.4054

■ 70.7256, 75.0081,
103.6802

94.7299, 99.8720,
107.2142

■ 60.4486, 64.1010,
102.1166

■ 51.5732, 54.3967,
100.7113

■ 44.0326, 45.8483,
99.4587

■ 37.7544, 38.4051,
98.3529

■ 32.6583, 32.0124,
97.3876

■ 28.6539, 26.6092,
96.5557

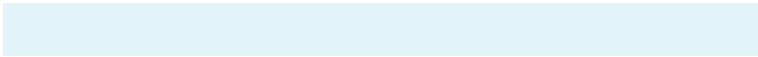
■ 25.6357, 22.1260,
95.8494

■ 23.4604, 18.4730,
95.2590

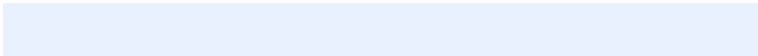
Harmonies

Analogous

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



80.7611, 87.1582, 103.3807



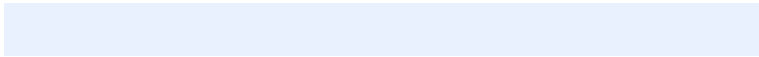
82.4636, 87.1582, 105.4054



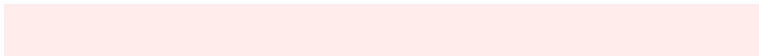
84.2923, 87.1582, 104.5318

Triad

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



82.4636, 87.1582, 105.4054



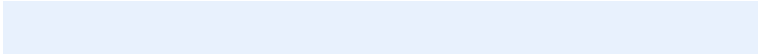
86.1393, 87.1582, 90.8285



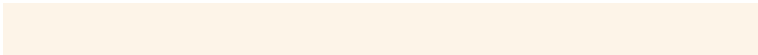
79.9974, 87.1582, 89.0185

Complementary

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



82.4636, 87.1582, 105.4054



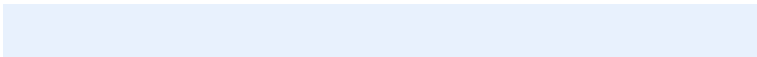
87.4245, 91.4096, 89.3815

Split Complementary

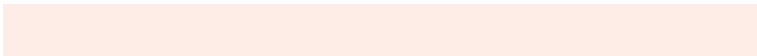
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4070, 87.1582, 85.8797



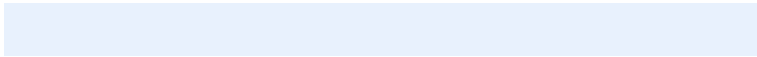
82.4636, 87.1582, 105.4054



84.9568, 87.1582, 86.8971

Square

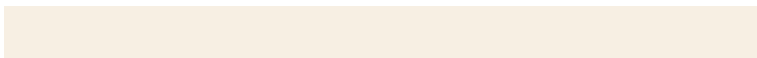
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



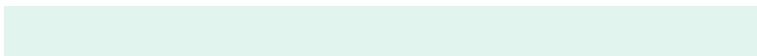
82.4636, 87.1582, 105.4054



86.4324, 87.1582, 95.9878



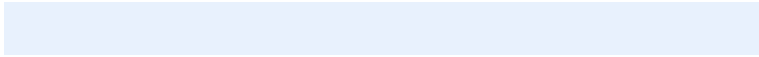
83.2201, 87.1582, 85.1178



79.3510, 87.1582, 93.8214

Rectangle

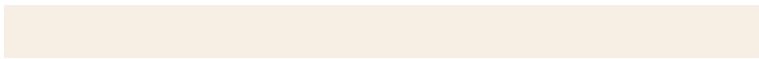
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4636, 87.1582, 105.4054



85.3349, 87.1582, 102.4391



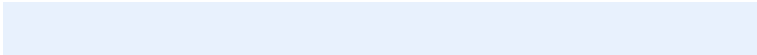
83.2201, 87.1582, 85.1178



80.3967, 87.1582, 87.7411

Sweetspot

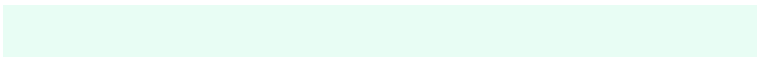
The Sweet Spot groups the original color and five complimentary colors.



82.4661, 87.1619, 105.4073



92.2761, 97.2007, 108.5059



84.7194, 93.9334, 99.1756



19.7800, 20.8344, 23.2289



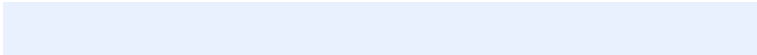
0.0000, 0.0000, 0.0000



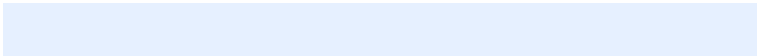
20.3446, 21.4041, 23.3091

Same Dimension

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



82.4661, 87.1619, 105.4073



81.8106, 86.5357, 106.9989



80.3227, 82.1977, 104.5621



17.6434, 18.6584, 22.9215



12.4485, 9.8067, 50.6714



1.3179, 1.1665, 4.9690

Inverse Universe

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



85.2438, 84.9485, 95.1272



85.1904, 83.8928, 94.4785



89.6923, 96.6990, 90.2829



18.3326, 18.1164, 20.3688



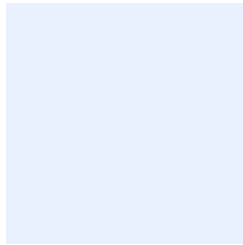
23.0716, 11.7180, 9.0277



2.2998, 1.1623, 1.1603

Previews

White Background



This preview shows how the XYZ color 82.4636, 87.1582, 105.4054 looks on a white background.

Color Contrast Check

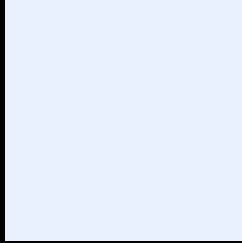
Large Text (above 18pt) WCAG AA × Fail

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 82.4636, 87.1582, 105.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

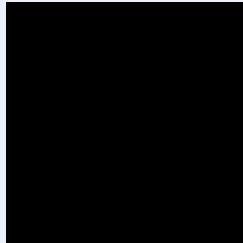
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

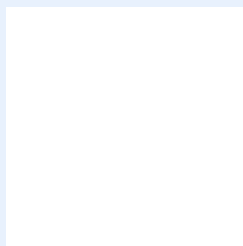
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4636, 87.1582, 105.4054

Background



This preview shows how black text looks on a background with the XYZ color 82.4636, 87.1582, 105.4054.



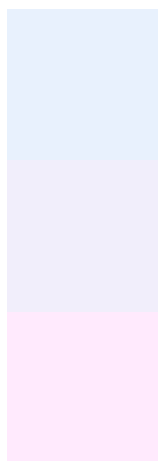
This preview shows how white text looks on a background with the XYZ color 82.4636, 87.1582,

105.4054.

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

82.4636, 87.1582, 105.4054

Protanopia

84.2628, 86.8149, 103.5826

Deuteranopia

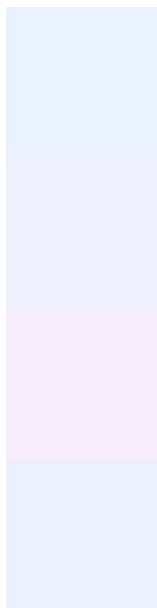
88.3924, 87.1975, 105.1005



Tritanopia

83.4710, 87.2023, 107.0401

Trichromacy



Original Color

82.4636, 87.1582, 105.4054

Protanomaly

83.6971, 86.9384, 104.4649

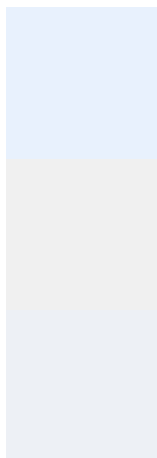
Deuteranomaly

86.3716, 87.4344, 105.2528

Tritanomaly

82.9812, 86.9684, 106.1789

Monochromacy



Original Color

82.4636, 87.1582, 105.4054

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.5666, 86.9173, 98.8112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4636, 87.1582, 105.4054 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(232, 241, 253)` looks like.

```
.text, #text, p{  
    color:rgb(232, 241, 253)  
}
```

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(232, 241, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 241, 253) }
```

Border

The CSS property to change the border of an element to XYZ 82.4636, 87.1582, 105.4054 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(232, 241, 253) }
```


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

```
.border{ border-color:rgb(232, 241, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 241, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 241, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 241, 253);  
box-shadow:4px 4px 4px 4px rgb(232, 241,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4636, 87.1582, 105.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 241, 253) }
```

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

```
.background{ background-color: rgb(232,  
241, 253) }
```

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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