

Converting Colors

XYZ(90.4735, 91.2518,
148.8264)

Have a look what the booklet for
XYZ(90.4735, 91.2518, 148.8264)
contains.

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Color

**XYZ(82.4137, 87.9792,
107.2458)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F3FF
RGB	229, 243, 255
RGB Percent	90%, 95%, 100%
CMY	0.1020, 0.0470, 0.0000
CMYK	0.10, 0.05, 0.00, 0.00
HSL	208°, 100%, 95%
HSV	208°, 10%, 100%
XYZ	82.4137, 87.9792, 107.2458
YIQ	240.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

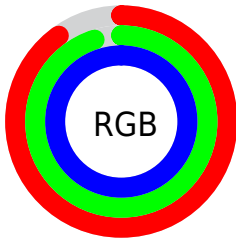
Format	Color
R _Y B	229, 238, 255
Decimal	15070207
CIE Lab	95.15, -2.32, -7.35
CIE LCh	95, 7.708, 252.498
Yxy	87.9792, 0.2968, 0.3169
Android (android.graphics.Color)	4293260287 (0xFFE5F3FF)
YUV	240.1820, 7.3053, -9.8066
Hunter-Lab	93.7972, -7.3085, -2.1329

Details

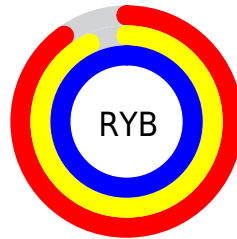
The XYZ color **82.4137, 87.9792, 107.2458** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.8375, 89.8259, 86.8916**, and the grayscale version is **82.9204, 87.2387, 95.0029**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1969, 48.5021, 60.4058** is the 20% darker color. If you saturate the color by 10%, you get **71.4589, 77.2737, 105.7568**, and if you desaturate by 10%, it is **94.7939, 99.7592, 108.8670**.

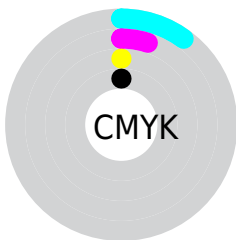
Distribution



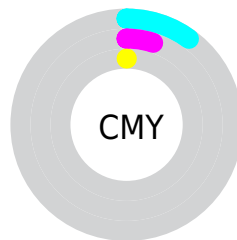
- Red (90%)
- Green (95%)
- Blue (100%)



- Red (90%)
- Yellow (93%)
- Blue (100%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4137, 87.9792, 107.2458 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 82.4137, 87.9792, 107.2458 by changing the saturation by 10% instead.

82.4137, 87.9792,
107.2458

82.4137, 87.9792,
107.2458

491.6440,
521.4351, 604.6259

62.0219, 66.3058,
81.7149

135.6868,
144.5282, 173.2179

45.3060, 48.5207,
60.5962

169.2988,
180.1726, 214.4962

31.9009, 34.2394,
43.4709

208.0482,
221.2429, 261.8608

21.4410, 23.0776,
29.9206

252.3004,
268.1233, 315.7301

13.5610, 14.6508,
19.5268

302.4207,
321.1984, 376.5227

7.8956, 8.5747,
11.8709

358.7745,

4.0795, 4.4648,

380.8524, 444.6572

6.5344

421.7271,
447.4699, 520.5521

■ 1.7472, 1.9368,
3.0986

■ 0.4855, 0.5704,
1.1452

■ 82.4137, 87.9792,
107.2458

■ 82.4137, 87.9792,
107.2458

■ 71.4589, 77.2737,
105.7568

94.7939, 99.7592,
108.8670

■ 61.8664, 67.5968,
104.3945

95.0500, 100.0000,
108.9000

■ 53.5785, 58.9147,
103.1555

■ 46.5304, 51.1876,
102.0355

■ 40.6513, 44.3719,
101.0298

■ 35.8625, 38.4202,
100.1334

■ 32.0742, 33.2789,
99.3407

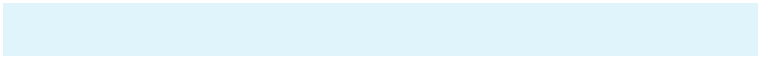
■ 29.1804, 28.8855,
98.6452

■ 27.0456, 25.2112,
98.0485

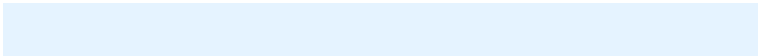
Harmonies

Analogous

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



80.6811, 87.9792, 103.8168



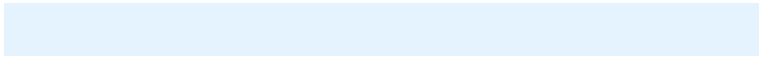
82.4137, 87.9792, 107.2458



84.4980, 87.9792, 107.5277

Triad

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



82.4137, 87.9792, 107.2458



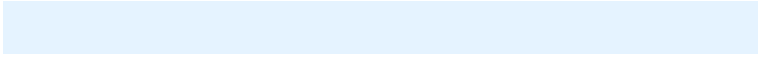
87.6240, 87.9792, 93.3149



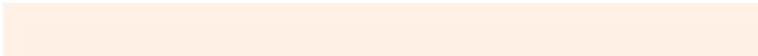
80.9247, 87.9792, 87.5226

Complementary

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



82.4137, 87.9792, 107.2458



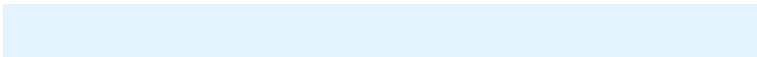
86.8375, 89.8259, 86.8916

Split Complementary

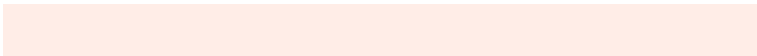
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7513, 87.9792, 84.9473



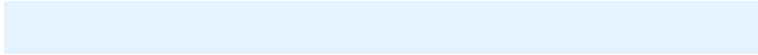
82.4137, 87.9792, 107.2458



86.6327, 87.9792, 88.1963

Square

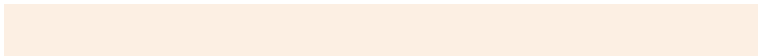
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4137, 87.9792, 107.2458



87.5299, 87.9792, 99.3127



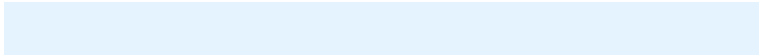
84.8412, 87.9792, 85.1886



79.8314, 87.9792, 92.3602

Rectangle

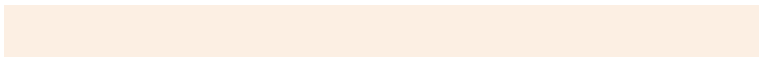
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4137, 87.9792, 107.2458



85.8087, 87.9792, 105.8772



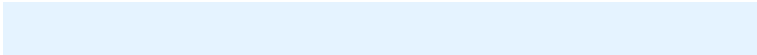
84.8412, 87.9792, 85.1886



81.4720, 87.9792, 86.3729

Sweetspot

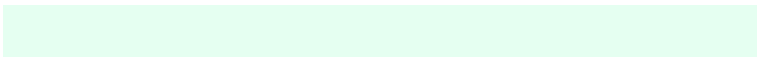
The Sweet Spot groups the original color and five complimentary colors.



82.4160, 87.9828, 107.2463



91.1757, 96.3466, 108.3990



83.9064, 94.5114, 96.8055



19.2985, 20.4167, 23.1736



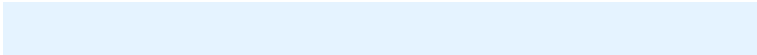
0.0000, 0.0000, 0.0000



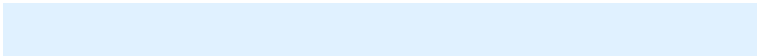
20.3446, 21.4041, 23.3091

Same Dimension

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



82.4160, 87.9828, 107.2463



80.3350, 85.9721, 106.9679



78.7447, 80.6403, 106.0226



17.8135, 18.9986, 22.9782



14.2831, 13.4757, 51.2829



1.5000, 1.5308, 5.0297

Inverse Universe

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



85.4384, 83.7712, 96.4647



83.8629, 81.1304, 94.3665



90.7299, 97.6107, 88.1891



18.4185, 18.1507, 20.8210



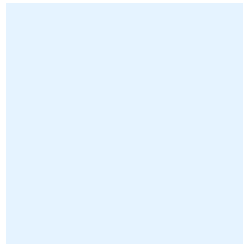
23.9976, 12.0883, 13.9039



2.3918, 1.1991, 1.6444

Previews

White Background



This preview shows how the XYZ color 82.4137, 87.9792, 107.2458 looks on a white background.

Color Contrast Check

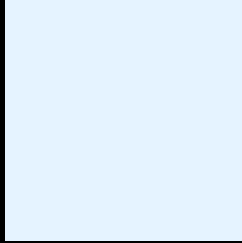
Large Text (above 18pt) WCAG AA × Fail

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 82.4137, 87.9792, 107.2458 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

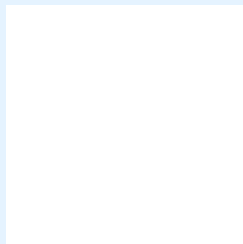
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4137, 87.9792, 107.2458

Background



This preview shows how black text looks on a background with the XYZ color 82.4137, 87.9792, 107.2458.

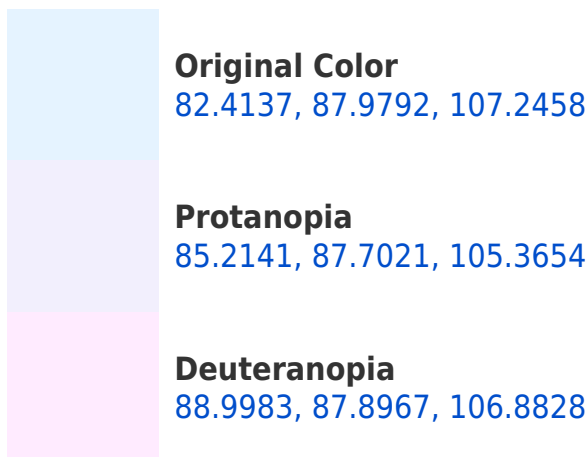


This preview shows how white text looks on a background with the XYZ color 82.4137, 87.9792,

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

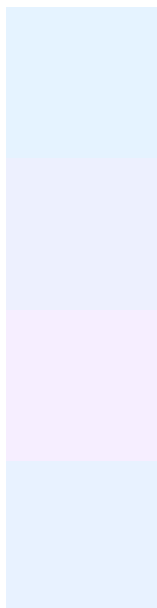




Tritanopia

83.7338, 88.2167, 107.2220

Trichromacy



Original Color

82.4137, 87.9792, 107.2458

Protanomaly

83.9745, 87.4805, 106.2254

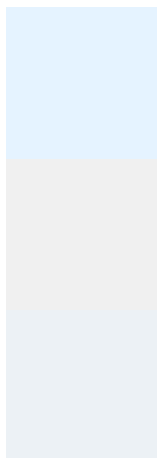
Deuteranomaly

86.6306, 87.9619, 107.0202

Tritanomaly

83.0808, 87.8801, 107.1915

Monochromacy



Original Color

82.4137, 87.9792, 107.2458

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.5288, 87.3360, 98.8940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4137, 87.9792, 107.2458 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(229, 243, 255) looks like.

```
.text, #text, p{  
    color:rgb(229, 243, 255)  
}
```

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(229, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.4137, 87.9792, 107.2458 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(229, 243, 255) }
```


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

```
.border{ border-color:rgb(229, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4137, 87.9792, 107.2458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 243, 255) }
```

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

```
.background{ background-color: rgb(229,  
243, 255) }
```

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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