

Converting Colors

XYZ(82.7663, 90.1022,
107.6370)

Have a look what the booklet for
XYZ(82.7663, 90.1022, 107.6370)
contains.

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Color

**XYZ(82.6748, 89.9103,
107.6047)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F7FF
RGB	226, 247, 255
RGB Percent	89%, 97%, 100%
CMY	0.1137, 0.0314, 0.0000
CMYK	0.11, 0.03, 0.00, 0.00
HSL	197°, 100%, 94%
HSV	197°, 11%, 100%
XYZ	82.6748, 89.9103, 107.6047
YIQ	241.6330, -15.0840, -1.9640

Conversions

Conversions Part 2

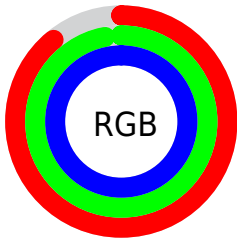
Format	Color
R _Y B	226, 238, 255
Decimal	14874623
CIE Lab	95.96, -5.30, -6.18
CIE LCh	96, 8.139, 229.412
Yxy	89.9103, 0.2951, 0.3209
Android (android.graphics.Color)	4293064703 (0xFFE2F7FF)
YUV	241.6330, 6.5899, -13.7101
Hunter-Lab	94.8210, -10.3020, -0.9087

Details

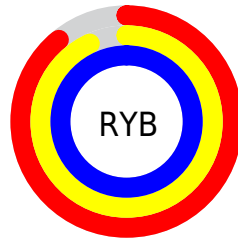
The XYZ color **82.6748, 89.9103, 107.6047** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.3897, 85.5949, 84.0268**, and the grayscale version is **84.0682, 88.4463, 96.3181**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6184, 49.9967, 60.6721** is the 20% darker color. If you saturate the color by 10%, you get **73.1566, 81.8742, 106.5553**, and if you desaturate by 10%, it is **93.4680, 98.7289, 108.7380**.

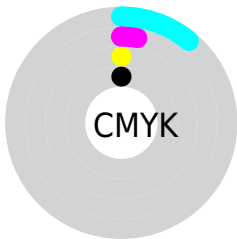
Distribution



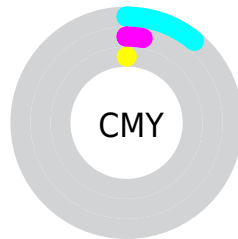
- Red (89%)
- Green (97%)
- Blue (100%)



- Red (89%)
- Yellow (93%)
- Blue (100%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6748, 89.9103, 107.6047 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 82.6748, 89.9103, 107.6047 by changing the saturation by 10% instead.

82.6748, 89.9103,
107.6047

82.6748, 89.9103,
107.6047

492.5024,
527.7390, 605.7622

62.2379, 67.9062,
82.0144

136.0508,
147.2138, 173.7119

45.4813, 49.8215,
60.8415

169.7206,
183.2820, 215.0658

32.0396, 35.2716,
43.6675

208.5321,
224.8071, 262.5113

21.5474, 23.8721,
30.0740

252.8507,
272.1734, 316.4670

13.6395, 15.2388,
19.6422

303.0416,
325.7654, 377.3514

7.9504, 8.9872,
11.9537

359.4703,

4.1147, 4.7328,

385.9674, 445.5831

6.5900

422.5021,
453.1638, 521.5805

■ 1.7673, 2.0914,
3.1325

■ 0.4978, 0.6598,
1.1627

■ 82.6748, 89.9103,
107.6047

■ 82.6748, 89.9103,
107.6047

■ 73.1566, 81.8742,
106.5553

■ 93.4680, 98.7289,
108.7380

■ 64.8530, 74.5809,
105.5852

■ 95.0500, 100.0000,
108.9000

■ 57.7094, 68.0032,
104.6921

■ 51.6639, 62.1080,
103.8728

■ 46.6484, 56.8588,
103.1240

■ 42.5870, 52.2150,
102.4417

■ 39.3925, 48.1302,
101.8216

■ 36.9602, 44.5491,
101.2586

■ 35.3357, 41.7915,
100.8119

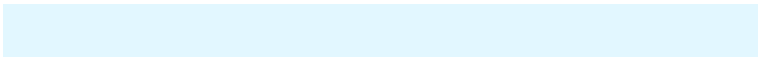
Harmonies

Analogous

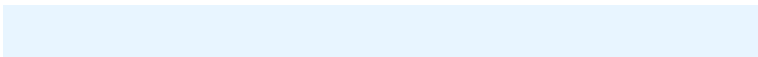
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4437, 89.9103, 102.0704



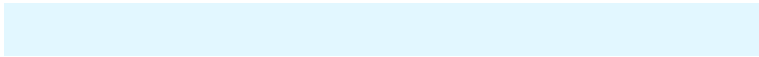
82.6748, 89.9103, 107.6047



84.6651, 89.9103, 110.5801

Triad

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



82.6748, 89.9103, 107.6047



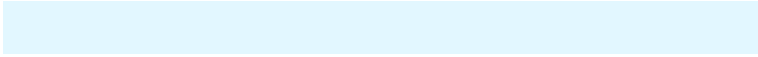
89.7779, 89.9103, 100.1899



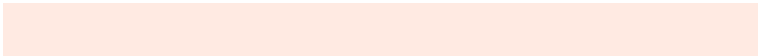
84.0281, 89.9103, 86.6767

Complementary

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



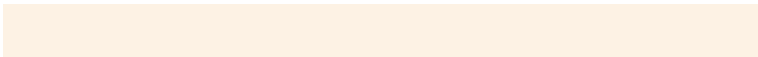
82.6748, 89.9103, 107.6047



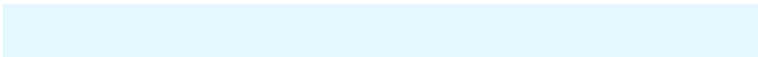
84.3897, 85.5949, 84.0268

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.



86.2539, 89.9103, 86.2228



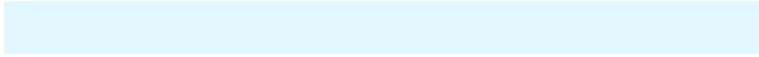
82.6748, 89.9103, 107.6047



89.6001, 89.9103, 93.8390

Square

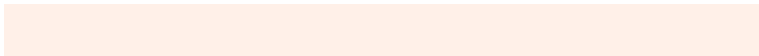
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6748, 89.9103, 107.6047



88.7827, 89.9103, 106.1762



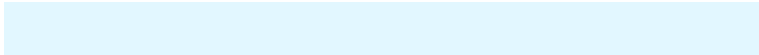
88.3010, 89.9103, 88.7915



82.2155, 89.9103, 90.0598

Rectangle

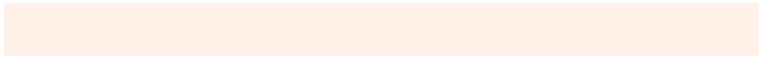
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.6748, 89.9103, 107.6047



86.1661, 89.9103, 110.6280



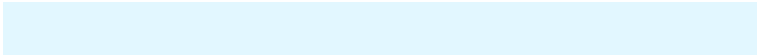
88.3010, 89.9103, 88.7915



84.7519, 89.9103, 86.1823

Sweetspot

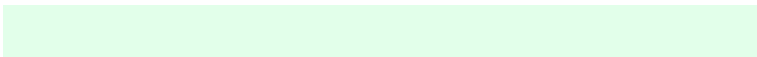
The Sweet Spot groups the original color and five complimentary colors.



82.6771, 89.9140, 107.6053



91.6222, 97.2396, 108.5478



81.9380, 93.6144, 91.3932



19.4191, 20.6580, 23.2138



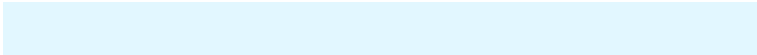
0.0000, 0.0000, 0.0000



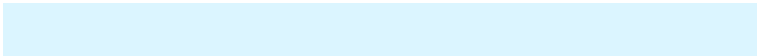
20.3446, 21.4041, 23.3091

Same Dimension

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



82.6771, 89.9140, 107.6053



80.0539, 87.7269, 107.3214



78.4881, 81.5359, 106.2090



18.1066, 19.5848, 23.0759



18.5952, 22.1000, 52.7202



1.9021, 2.3350, 5.1637

Inverse Universe

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



85.2263, 82.3697, 99.4071



83.1554, 78.6819, 97.3168



88.6071, 94.0298, 85.4326



18.5665, 18.2099, 21.6001



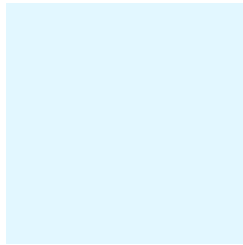
26.1742, 12.9590, 25.3656



2.5947, 1.2803, 2.7132

Previews

White Background



This preview shows how the XYZ color 82.6748, 89.9103, 107.6047 looks on a white background.

Color Contrast Check

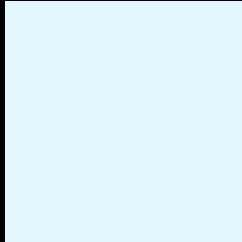
Large Text (above 18pt) WCAG AA × Fail

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 82.6748, 89.9103, 107.6047 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

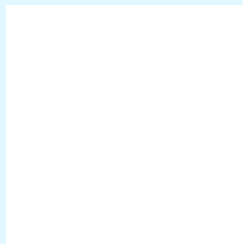
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6748, 89.9103, 107.6047

Background



This preview shows how black text looks on a background with the XYZ color 82.6748, 89.9103, 107.6047.



This preview shows how white text looks on a background with the XYZ color 82.6748, 89.9103,

107.6047.

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

82.6748, 89.9103, 107.6047

Protanopia

86.9790, 89.9450, 104.8723

Deuteranopia

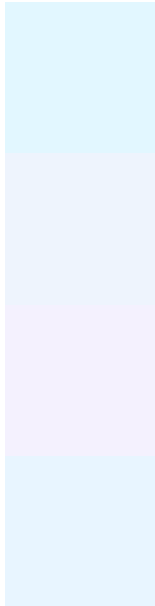
89.5442, 89.5009, 105.4844



Tritanopia

84.6616, 89.5835, 107.4369

Trichromacy



Original Color

82.6748, 89.9103, 107.6047

Protanomaly

85.3402, 89.9704, 105.7966

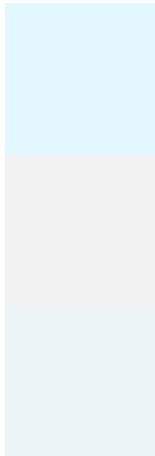
Deuteranomaly

86.6529, 89.2994, 106.4353

Tritanomaly

83.9811, 89.6806, 107.4916

Monochromacy



Original Color

82.6748, 89.9103, 107.6047

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.7313, 89.2496, 100.8095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6748, 89.9103, 107.6047 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(226, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 247, 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(226, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.6748, 89.9103, 107.6047 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(226, 247, 255) }
```


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

```
.border{ border-color:rgb(226, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6748, 89.9103, 107.6047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 247, 255) }
```

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

```
.background{ background-color: rgb(226,  
247, 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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