

Converting Colors

XYZ(86.2003, 91.6007,
107.7452)

Have a look what the booklet for
XYZ(86.2003, 91.6007, 107.7452)
contains.

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Color

**XYZ(86.2358, 91.7461,
107.7714)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF7FF
RGB	237, 247, 255
RGB Percent	93%, 97%, 100%
CMY	0.0706, 0.0314, 0.0000
CMYK	0.07, 0.03, 0.00, 0.00
HSL	207°, 100%, 96%
HSV	207°, 7%, 100%
XYZ	86.2358, 91.7461, 107.7714
YIQ	244.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

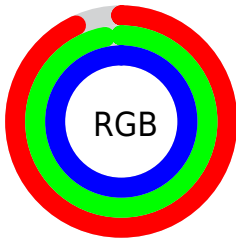
Format	Color
R _Y B	237, 243, 255
Decimal	15595519
CIE Lab	96.72, -1.80, -4.98
CIE LCh	97, 5.294, 250.113
Yxy	91.7461, 0.3018, 0.3211
Android (android.graphics.Color)	4293785599 (0xFFEDF7FF)
YUV	244.9220, 4.9685, -6.9476
Hunter-Lab	95.7842, -6.9164, 0.3389

Details

The XYZ color **86.2358, 91.7461, 107.7714** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.1776, 92.6770, 93.3105**, and the grayscale version is **86.6967, 91.2117, 99.3295**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8799, 51.1626, 60.7779** is the 20% darker color. If you saturate the color by 10%, you get **74.9612, 80.9495, 106.2817**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

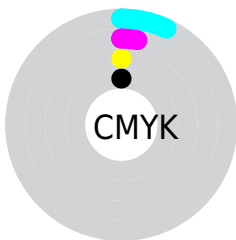
Distribution



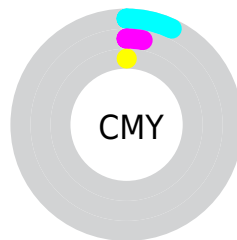
- Red (93%)
- Green (97%)
- Blue (100%)



- Red (93%)
- Yellow (95%)
- Blue (100%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2358, 91.7461, 107.7714 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 86.2358, 91.7461, 107.7714 by changing the saturation by 10% instead.

86.2358, 91.7461,
107.7714

86.2358, 91.7461,
107.7714

504.1307,
533.6946, 606.2896

65.1889, 69.4298,
82.1535

141.0036,
149.7614, 173.9413

47.8795, 51.0618,
60.9555

175.4553,
186.2292, 215.3303

33.9424, 36.2578,
43.7589

215.1059,
228.1830, 262.8134

23.0120, 24.6334,
30.1452

260.3208,
276.0071, 316.8092

14.7231, 15.8041,
19.6959

311.4654,
330.0859, 377.7362

8.7103, 9.3856,
11.9923

368.9050,

4.6083, 4.9936,

390.8038, 446.0129

6.6159

433.0050,
458.5453, 522.0578

■ 2.0517, 2.2435,
3.1483

■ 0.6628, 0.7435,
1.1709

■ 86.2358, 91.7461,
107.7714

■ 86.2358, 91.7461,
107.7714

■ 74.9612, 80.9495,
106.2817

95.0500, 100.0000,
108.9000

■ 65.0508, 71.1606,
104.9146

■ 56.4487, 62.3473,
103.6668

■ 49.0922, 54.4716,
102.5344

■ 42.9131, 47.4922,
101.5129

■ 37.8359, 41.3641,
100.5977

■ 33.7754, 36.0370,
99.7834

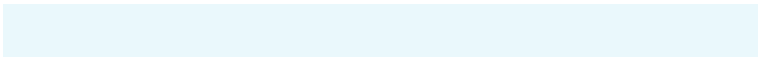
■ 30.6321, 31.4530,
99.0643

■ 28.2797, 27.5401,
98.4330

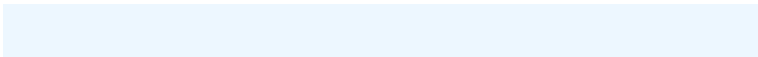
Harmonies

Analogous

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



85.0399, 91.7461, 105.2488



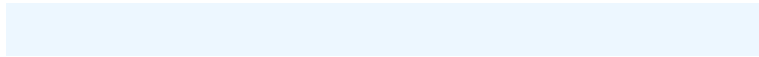
86.2358, 91.7461, 107.7714



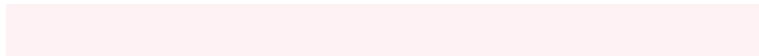
87.7034, 91.7461, 108.1506

Triad

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



86.2358, 91.7461, 107.7714



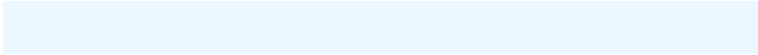
90.0385, 91.7461, 98.4693



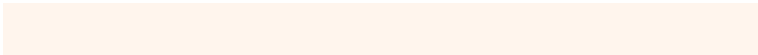
85.3781, 91.7461, 93.7814

Complementary

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



86.2358, 91.7461, 107.7714



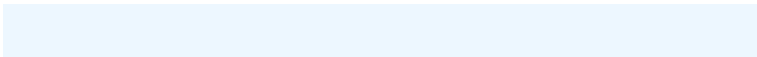
89.1776, 92.6770, 93.3105

Split Complementary

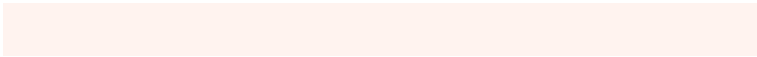
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.7023, 91.7461, 92.0723



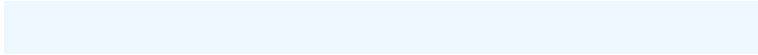
86.2358, 91.7461, 107.7714



89.4002, 91.7461, 94.7277

Square

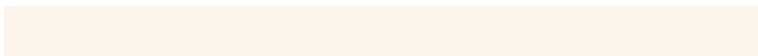
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



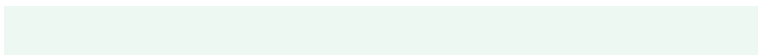
86.2358, 91.7461, 107.7714



89.9101, 91.7461, 102.6989



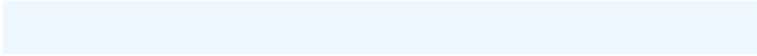
88.1752, 91.7461, 92.4137



84.5487, 91.7461, 97.1444

Rectangle

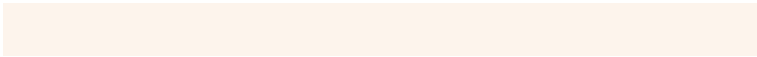
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.2358, 91.7461, 107.7714



88.6399, 91.7461, 107.1258



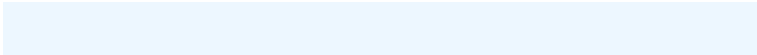
88.1752, 91.7461, 92.4137



85.7795, 91.7461, 92.9988

Sweetspot

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



86.2382, 91.7499, 107.7720



92.4801, 97.6087, 108.5739



87.1367, 96.1053, 100.1846



19.8215, 20.9174, 23.2427



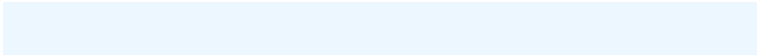
0.0000, 0.0000, 0.0000



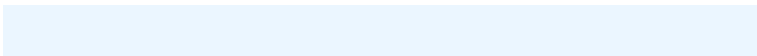
20.3446, 21.4041, 23.3091

Same Dimension

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



86.2382, 91.7499, 107.7720



85.1162, 90.6885, 107.6263



83.6090, 86.4914, 106.8956



17.8404, 19.0523, 22.9871



14.6167, 14.1431, 51.3941



1.5322, 1.5951, 5.0404

Inverse Universe

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



88.3141, 88.5452, 100.4366



87.4591, 87.0979, 99.3416



91.9047, 98.1314, 94.2195



18.4321, 18.1561, 20.8924



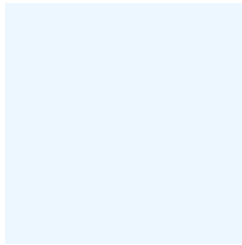
24.1661, 12.1557, 14.7908



2.4080, 1.2056, 1.7299

Previews

White Background



This preview shows how the XYZ color 86.2358, 91.7461, 107.7714 looks on a white background.

Color Contrast Check

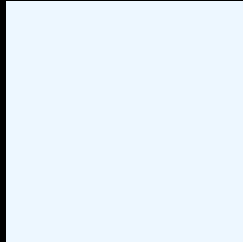
Large Text (above 18pt) WCAG AA × Fail

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 86.2358, 91.7461, 107.7714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

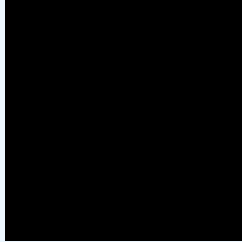
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

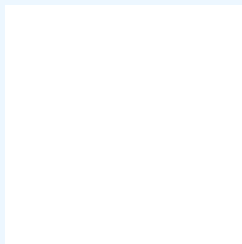
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.2358, 91.7461, 107.7714

Background



This preview shows how black text looks on a background with the XYZ color 86.2358, 91.7461, 107.7714.



This preview shows how white text looks on a background with the XYZ color 86.2358, 91.7461,

107.7714.

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

86.2358, 91.7461, 107.7714

Protanopia

88.4381, 91.5674, 105.9416

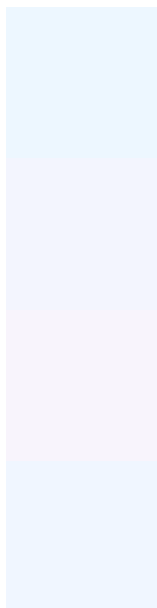
Deuteranopia

90.4047, 91.7293, 104.2075

Tritanopia

87.3204, 91.4021, 107.6478

Trichromacy



Original Color

86.2358, 91.7461, 107.7714

Protanomaly

87.5039, 91.5153, 106.8182

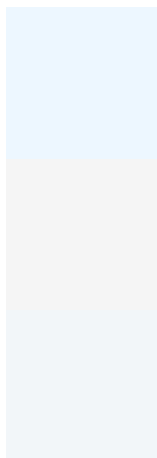
Deuteranomaly

88.6328, 91.6861, 105.1212

Tritanomaly

86.9409, 91.6568, 107.7170

Monochromacy



Original Color

86.2358, 91.7461, 107.7714

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.6726, 91.6283, 102.7404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2358, 91.7461, 107.7714 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(237, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.2358, 91.7461, 107.7714 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(237, 247, 255) }
```


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

```
.border{ border-color:rgb(237, 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(237, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2358, 91.7461, 107.7714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 247, 255) }
```

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

```
.background{ background-color: rgb(237,  
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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