

Converting Colors

XYZ(86.3110, 95.7447, 97.2038)

Have a look what the booklet for
XYZ(86.3110, 95.7447, 97.2038)
contains.

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Color

**XYZ(86.2293, 95.7037,
97.1470)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFFF1
RGB	236, 255, 241
RGB Percent	93%, 100%, 95%
CMY	0.0745, 0.0000, 0.0549
CMYK	0.07, 0.00, 0.05, 0.00
HSL	136°, 100%, 96%
HSV	136°, 7%, 100%
XYZ	86.2293, 95.7037, 97.1470
YIQ	247.7230, -6.8300, -8.3820

Conversions

Conversions Part 2

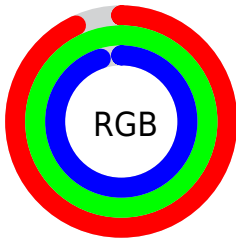
Format	Color
R _Y B	236, 251, 255
Decimal	15532017
CIE Lab	98.31, -8.70, 4.55
CIE LCh	98, 9.821, 152.371
Yxy	95.7037, 0.3090, 0.3429
Android (android.graphics.Color)	4293722097 (0xFFE0FFFF)
YUV	247.7230, -3.3144, -10.2811
Hunter-Lab	97.8283, -13.8632, 9.6027

Details

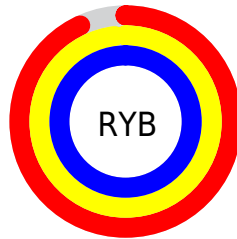
The XYZ color **86.2293, 95.7037, 97.1470** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.4913, 88.1541, 102.7940**, and the grayscale version is **89.0267, 93.6630, 101.9990**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7734, 53.5942, 53.7257** is the 20% darker color. If you saturate the color by 10%, you get **75.6949, 90.5808, 82.7513**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

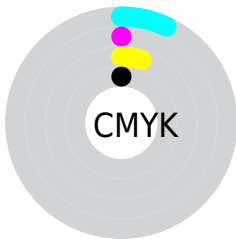
Distribution



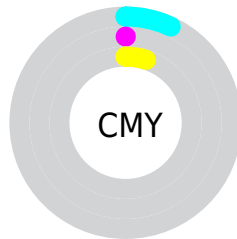
- Red (93%)
- Green (100%)
- Blue (95%)



- Red (93%)
- Yellow (98%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.2293, 95.7037, 97.1470 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 86.2293, 95.7037, 97.1470 by changing the saturation by 10% instead.


 86.2293, 95.7037,
97.1470

 86.2293, 95.7037,
97.1470


504.1096,
546.4153, 572.1747

 65.1835, 72.7208,
73.3165

140.9946,
155.2364, 159.2485

 47.8751, 53.7477,
53.7414


175.4448,
192.5551, 198.3565

 33.9389, 38.4000,
38.0032


215.0939,
235.4211, 243.3941

 23.0093, 26.2933,
25.6833

260.3072,
284.2188, 294.7798

 14.7211, 17.0432,
16.3632

311.4501,
339.3327, 352.9322

 8.7089, 10.2653,
9.6244

368.8879,

 4.6074, 5.5752,

401.1472, 418.2698

5.0483

432.9859,
470.0466, 491.2111

■ 2.0512, 2.5885,
2.2164

■ 0.6625, 0.9209,
0.6838

■ 86.2293, 95.7037,
97.1470

■ 86.2293, 95.7037,
97.1470

■ 75.6949, 90.5808,
82.7513

95.0500, 100.0000,
108.9000

■ 66.5982, 86.1666,
69.8870

■ 58.8763, 82.4297,
58.5048

■ 52.4607, 79.3360,
48.5510

■ 47.2766, 76.8481,
39.9689

■ 43.2415, 74.9247,
32.6978

■ 40.2623, 73.5192,
26.6724

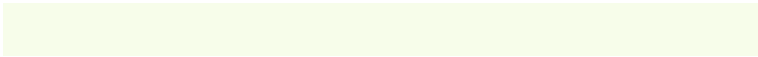
■ 38.2307, 72.5771,
21.8216

■ 37.0079, 72.0286,
18.0666

Harmonies

Analogous

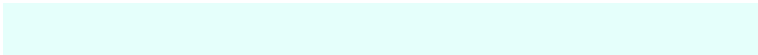
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0824, 95.7037, 91.5947



86.2293, 95.7037, 97.1470



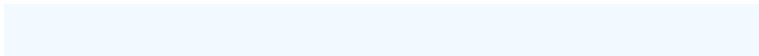
85.6367, 95.7037, 104.8508

Triad

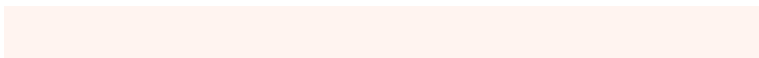
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2293, 95.7037, 97.1470



91.1887, 95.7037, 120.5563



95.6350, 95.7037, 96.0857

Complementary

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



86.2293, 95.7037, 97.1470



88.4913, 88.1541, 102.7940

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.



96.5068, 95.7037, 103.5620



86.2293, 95.7037, 97.1470



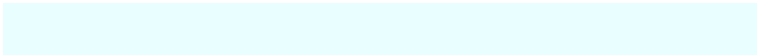
93.9067, 95.7037, 117.9227

Square

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



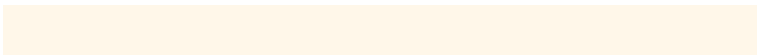
86.2293, 95.7037, 97.1470



88.4644, 95.7037, 118.6239



95.8679, 95.7037, 111.5970



93.5092, 95.7037, 91.0047

Rectangle

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



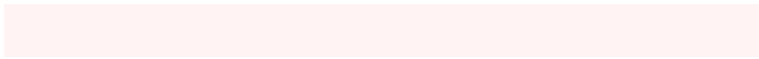
86.2293, 95.7037, 97.1470



86.0260, 95.7037, 110.2468



95.8679, 95.7037, 111.5970



96.0864, 95.7037, 98.3882

Sweetspot

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



86.2302, 95.7042, 97.1485



92.5993, 98.8058, 105.6580



90.4148, 97.9465, 93.4985



19.8457, 21.1610, 22.6492



0.0000, 0.0000, 0.0000



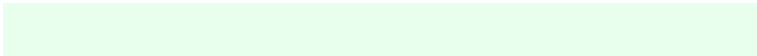
20.3446, 21.4041, 23.3091

Same Dimension

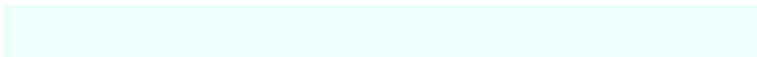
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2302, 95.7042, 97.1485



84.5008, 94.8625, 94.8149



87.6473, 96.2710, 104.6112



17.9678, 20.2467, 20.1334



19.2683, 37.6039, 9.2982



1.9188, 3.6784, 1.1301

Inverse Universe

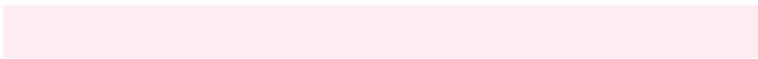
The Inverse Universe completely reimagines the original color for something new.



88.4913, 88.1541, 102.7940



87.2033, 85.8384, 101.5622



87.0761, 87.5880, 95.3413



18.5766, 18.2139, 21.6533



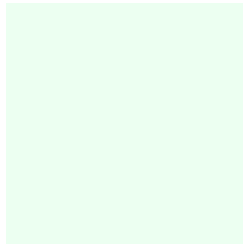
26.3503, 13.0294, 26.2928



2.6107, 1.2866, 2.7971

Previews

White Background



This preview shows how the XYZ color 86.2293, 95.7037, 97.1470 looks on a white background.

Color Contrast Check

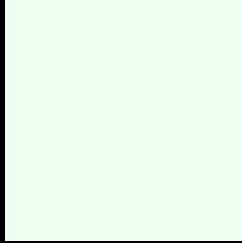
Large Text (above 18pt) WCAG AA × Fail

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 86.2293, 95.7037, 97.1470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

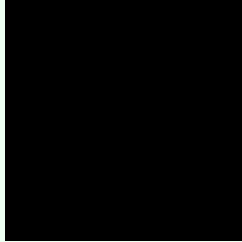
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

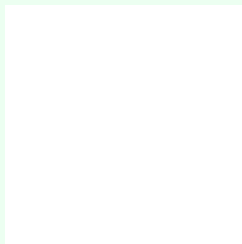
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.2293, 95.7037, 97.1470

Background



This preview shows how black text looks on a background with the XYZ color 86.2293, 95.7037, 97.1470.



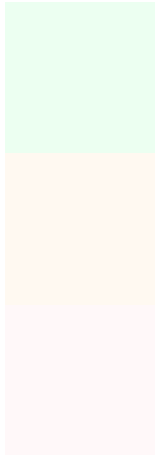
This preview shows how white text looks on a background with the XYZ color 86.2293, 95.7037,

97.1470.

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

86.2293, 95.7037, 97.1470

Protanopia

90.9929, 95.3622, 96.8300

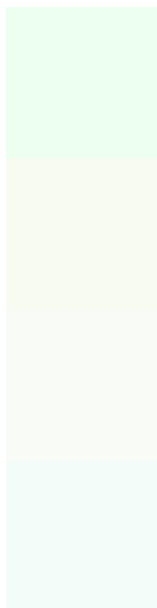
Deuteranopia

91.9063, 95.2344, 103.1606

Tritanopia

90.9470, 95.5477, 108.2569

Trichromacy



Original Color

86.2293, 95.7037, 97.1470

Protanomaly

89.0858, 95.3017, 96.9188

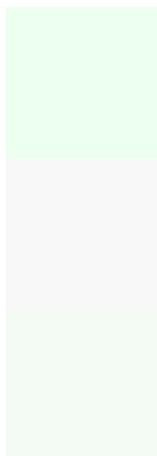
Deuteranomaly

89.8431, 95.6046, 100.9071

Tritanomaly

89.3739, 95.7560, 104.2147

Monochromacy



Original Color

86.2293, 95.7037, 97.1470

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.2868, 94.8200, 100.0351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2293, 95.7037, 97.1470 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(236, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 241)  
}
```

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(236, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 86.2293, 95.7037, 97.1470 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(236, 255, 241) }
```


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

```
.border{ border-color:rgb(236, 255, 241) }
```

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

Here you see how a box with a 4 pixel rgb(236, 255, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2293, 95.7037, 97.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 241) }
```

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

```
.background{ background-color: rgb(236,  
255, 241) }
```

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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