

Converting Colors

XYZ(87.1607, 87.8037, 95.2263)

Have a look what the booklet for
XYZ(87.1607, 87.8037, 95.2263)
contains.

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Color

**XYZ(87.1126, 87.6018,
95.5366)**

Conversions

Conversions Part 1

Format	Color
Hex	FFECF1
RGB	255, 236, 241
RGB Percent	100%, 93%, 95%
CMY	0.0000, 0.0745, 0.0549
CMYK	0.00, 0.07, 0.05, 0.00
HSL	344°, 100%, 96%
HSV	344°, 7%, 100%
XYZ	87.1126, 87.6018, 95.5366
YIQ	242.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

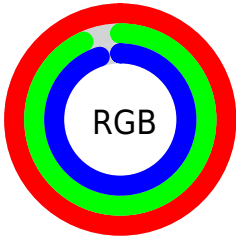
Format	Color
R _Y B	255, 236, 241
Decimal	16772337
CIE Lab	94.99, 7.26, -0.10
CIE LCh	95, 7.263, 359.193
Yxy	87.6018, 0.3223, 0.3241
Android (android.graphics.Color)	4294962417 (0xFFFFECEF1)
YUV	242.2510, -0.6167, 11.1809
Hunter-Lab	93.5958, 2.3429, 4.9977

Details

The XYZ color **87.1126, 87.6018, 95.5366** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.6101, 96.2563, 104.4079**, and the grayscale version is **84.5980, 89.0037, 96.9250**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3669, 48.1511, 52.6438** is the 20% darker color. If you saturate the color by 10%, you get **77.6245, 72.8886, 79.2314**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (93%)

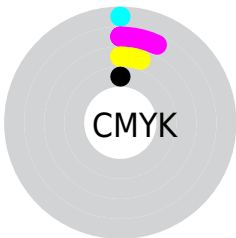
Blue (95%)



Red (100%)

Yellow (93%)

Blue (95%)



Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (7%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.1126, 87.6018, 95.5366 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 87.1126, 87.6018, 95.5366 by changing the saturation by 10% instead.


 87.1126, 87.6018,
95.5366

 87.1126, 87.6018,
95.5366

506.9718,
520.1983, 566.9096

 65.9167, 65.9933,
71.9823


142.2199,
144.0027, 157.0077

 48.4723, 48.2670,
52.6575


176.8621,
179.5638, 195.7616

 34.4138, 34.0384,
37.1436


216.7171,
220.5447, 240.4190

 23.3761, 22.9231,
25.0220

262.1503,
267.3297, 291.3987

 14.9937, 14.5367,
15.8743

313.5270,
320.3031, 349.1190

 8.9012, 8.4949,
9.2818

371.2126,

 4.7334, 4.4132,

379.8495, 413.9986

4.8262

435.5724,
446.3531, 486.4559

■ 2.1248, 1.9073,
2.0887

■ 0.7027, 0.5528,
0.6090

■ 87.1126, 87.6018,
95.5366

■ 87.1126, 87.6018,
95.5366

■ 77.6245, 72.8886,
79.2314

95.0500, 100.0000,
108.9000

■ 69.4193, 60.2921,
64.7383

■ 62.4424, 49.7175,
51.9952

■ 56.6331, 41.0588,
40.9341

■ 51.9253, 34.1999,
31.4826

■ 48.2459, 29.0123,
23.5627

■ 45.5128, 25.3504,
17.0892

■ 43.6301, 23.0427,
11.9678

■ 42.4758, 21.8673,
8.0893

Harmonies

Analogous

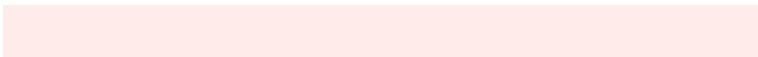
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5627, 87.6018, 101.0546



87.1126, 87.6018, 95.5366



86.6175, 87.6018, 90.1837

Triad

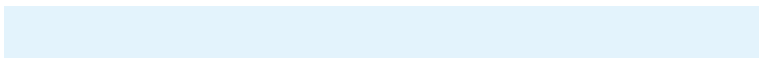
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.1126, 87.6018, 95.5366



81.4269, 87.6018, 86.2129



81.3357, 87.6018, 105.0190

Complementary

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



87.1126, 87.6018, 95.5366



87.6101, 96.2563, 104.4079

Split Complementary

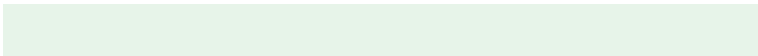
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9960, 87.6018, 100.7794



87.1126, 87.6018, 95.5366



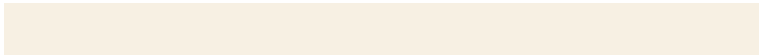
80.0480, 87.6018, 89.9285

Square

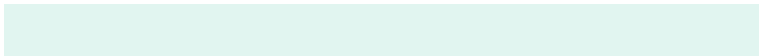
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



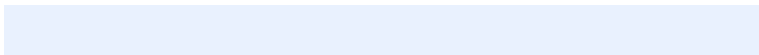
87.1126, 87.6018, 95.5366



83.3163, 87.6018, 84.9308



79.5283, 87.6018, 95.2305



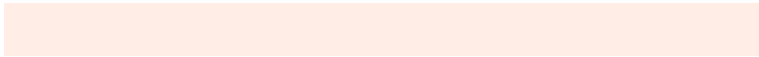
83.2095, 87.6018, 106.6604

Rectangle

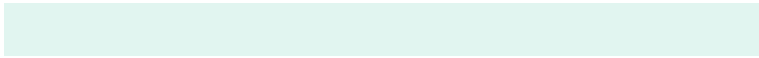
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



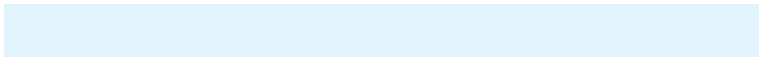
87.1126, 87.6018, 95.5366



85.7659, 87.6018, 87.3968



79.5283, 87.6018, 95.2305



80.8091, 87.6018, 103.8425

Sweetspot

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



87.1146, 87.6054, 95.5385



92.8452, 96.5493, 105.2088



87.4483, 87.5264, 106.8930



19.8958, 20.7017, 22.5578



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

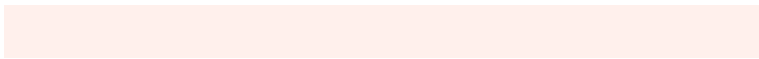
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.1146, 87.6054, 95.5385



85.5559, 85.1795, 92.8872



87.6704, 89.8949, 92.0923



18.2055, 18.0655, 19.6992



22.1310, 11.3417, 4.0744



2.1975, 1.1214, 0.6214

Inverse Universe

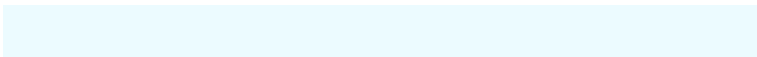
The Inverse Universe completely reimagines the original color for something new.



87.1146, 87.6054, 95.5385



85.5559, 85.1795, 92.8872



87.0065, 93.7787, 108.1231



18.2055, 18.0655, 19.6992



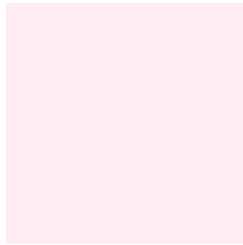
22.1310, 11.3417, 4.0744



2.1975, 1.1214, 0.6214

Previews

White Background



This preview shows how the XYZ color 87.1126, 87.6018, 95.5366 looks on a white background.

Color Contrast Check

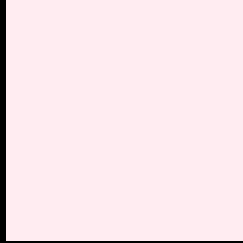
Large Text (above 18pt) WCAG AA × Fail

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 87.1126, 87.6018, 95.5366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

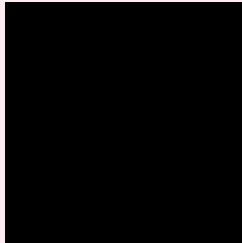
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.1126, 87.6018, 95.5366

Background



This preview shows how black text looks on a background with the XYZ color 87.1126, 87.6018, 95.5366.



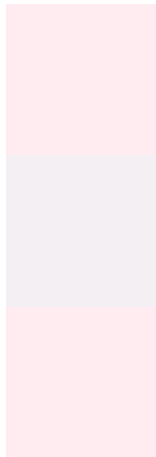
This preview shows how white text looks on a background with the XYZ color 87.1126, 87.6018,

95.5366.

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

87.1126, 87.6018, 95.5366

Protanopia

84.3524, 87.4372, 97.2252

Deuteranopia

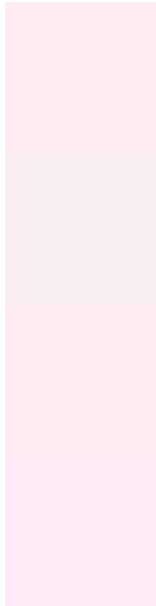
87.1126, 87.6018, 95.5366



Tritanopia

88.3609, 87.6417, 103.5262

Trichromacy



Original Color

87.1126, 87.6018, 95.5366

Protanomaly

85.3129, 87.5163, 96.4003

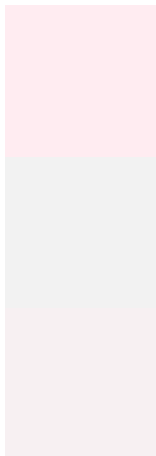
Deuteranomaly

87.1126, 87.6018, 95.5366

Tritanomaly

87.7368, 87.3921, 100.2398

Monochromacy



Original Color

87.1126, 87.6018, 95.5366

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.5449, 88.5051, 96.5789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.1126, 87.6018, 95.5366 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(255, 236, 241) looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 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(255, 236, 241) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 87.1126, 87.6018, 95.5366 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(255, 236, 241) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 87.1126, 87.6018, 95.5366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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