

Converting Colors

XYZ(87.1203, 96.1506, 97.7517)

Have a look what the booklet for
XYZ(87.1203, 96.1506, 97.7517)
contains.

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Color

**XYZ(87.0469, 96.1079,
97.9672)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFF2
RGB	238, 255, 242
RGB Percent	93%, 100%, 95%
CMY	0.0667, 0.0000, 0.0510
CMYK	0.07, 0.00, 0.05, 0.00
HSL	134°, 100%, 97%
HSV	134°, 7%, 100%
XYZ	87.0469, 96.1079, 97.9672
YIQ	248.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

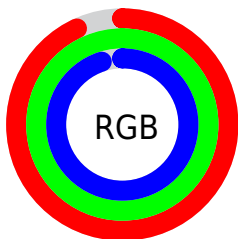
Format	Color
R _Y B	238, 252, 255
Decimal	15663090
CIE Lab	98.48, -7.87, 4.29
CIE LCh	98, 8.963, 151.395
Yxy	96.1079, 0.3096, 0.3419
Android (android.graphics.Color)	4293853170 (0xFFEEEEFF2)
YUV	248.4350, -3.1725, -9.1515
Hunter-Lab	98.0346, -13.0669, 9.3750

Details

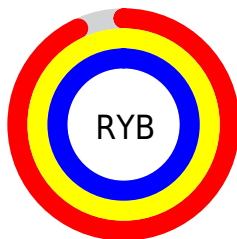
The XYZ color **87.0469, 96.1079, 97.9672** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.2276, 89.3751, 103.8150**, and the grayscale version is **89.6072, 94.2738, 102.6642**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3484, 53.8784, 54.3057** is the 20% darker color. If you saturate the color by 10%, you get **76.3085, 90.8927, 82.9831**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

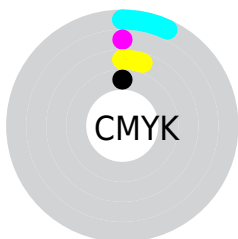
Distribution



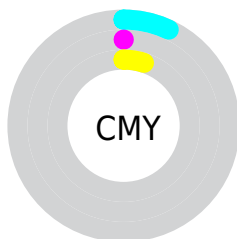
- Red (93%)
- Green (100%)
- Blue (95%)



- Red (93%)
- Yellow (99%)
- 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 87.0469, 96.1079, 97.9672 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 87.0469, 96.1079, 97.9672 by changing the saturation by 10% instead.


 87.0469, 96.1079,
97.9672

 87.0469, 96.1079,
97.9672


506.7592,
547.7057, 574.8464

 65.8622, 73.0574,
73.9966


142.1288,
155.7943, 160.3883

 48.4278, 54.0229,
54.2944


176.7568,
193.1991, 199.6758

 34.3785, 38.6200,
38.4423


216.5965,
236.1573, 244.9060

 23.3488, 26.4642,
26.0217

262.0133,
285.0536, 296.4974

 14.9734, 17.1713,
16.6140

313.3727,
340.2721, 354.8686

 8.8869, 10.3567,
9.8006

371.0399,

 4.7240, 5.6361,

402.1974, 420.4382

5.1631

435.3802,
471.2138, 493.6246

■ 2.1193, 2.6251,
2.2829

■ 0.6997, 0.9393,
0.7216

■ 87.0469, 96.1079,
97.9672

■ 87.0469, 96.1079,
97.9672

■ 76.3085, 90.8927,
82.9831

95.0500, 100.0000,
108.9000

■ 67.0338, 86.3970,
69.6452

■ 59.1591, 82.5892,
57.8986

■ 52.6149, 79.4349,
47.6836

■ 47.3258, 76.8964,
38.9368

■ 43.2085, 74.9322,
31.5902

■ 40.1695, 73.4956,
25.5706

■ 38.0998, 72.5321,
20.7978

■ 36.8649, 71.9742,
17.1827

Harmonies

Analogous

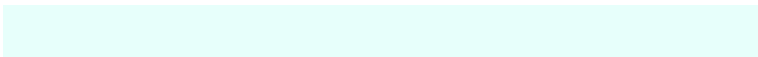
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7791, 96.1079, 92.9421



87.0469, 96.1079, 97.9672



86.4613, 96.1079, 104.9925

Triad

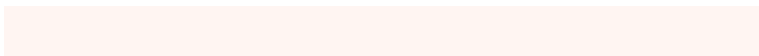
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0469, 96.1079, 97.9672



91.4689, 96.1079, 119.5534



95.6628, 96.1079, 97.3932

Complementary

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



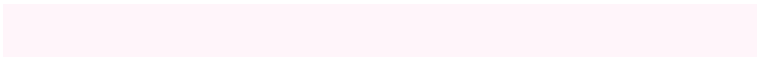
87.0469, 96.1079, 97.9672



89.2276, 89.3751, 103.8150

Split Complementary

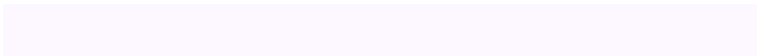
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.4148, 96.1079, 104.2986



87.0469, 96.1079, 97.9672



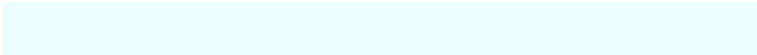
93.9653, 96.1079, 117.2916

Square

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



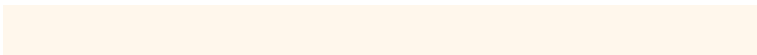
87.0469, 96.1079, 97.9672



88.9852, 96.1079, 117.6664



95.7878, 96.1079, 111.6199



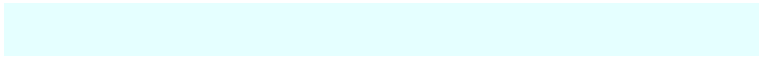
93.7517, 96.1079, 92.6219

Rectangle

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



87.0469, 96.1079, 97.9672



86.7909, 96.1079, 109.9321



95.7878, 96.1079, 111.6199



96.0612, 96.1079, 99.5305

Sweetspot

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



87.0478, 96.1084, 97.9687



92.5769, 98.7969, 105.5400



90.9887, 98.2086, 95.0508



19.8412, 21.1592, 22.6252



0.0000, 0.0000, 0.0000



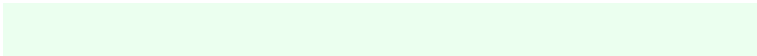
20.3446, 21.4041, 23.3091

Same Dimension

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



87.0478, 96.1084, 97.9687



85.5283, 95.3699, 95.8724



88.3492, 96.6289, 104.8217



17.9467, 20.2382, 20.0223



19.1591, 37.5602, 8.7233



1.9056, 3.6732, 1.0606

Inverse Universe

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



89.2276, 89.3751, 103.8150



88.1205, 87.3625, 102.8247



87.9225, 88.8531, 96.9423



18.5991, 18.2230, 21.7720



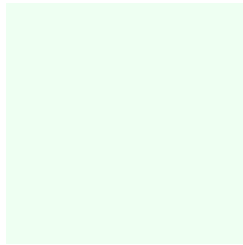
26.7561, 13.1917, 28.4300



2.6472, 1.3013, 2.9896

Previews

White Background



This preview shows how the XYZ color 87.0469, 96.1079, 97.9672 looks on a white background.

Color Contrast Check

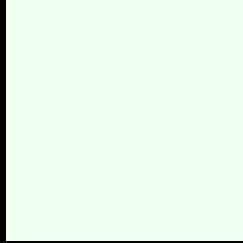
Large Text (above 18pt) WCAG AA × Fail

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 87.0469, 96.1079, 97.9672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

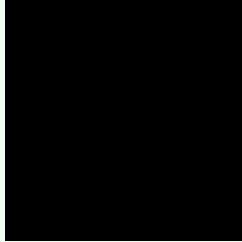
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

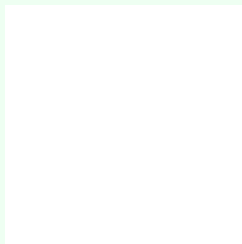
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.0469, 96.1079, 97.9672

Background



This preview shows how black text looks on a background with the XYZ color 87.0469, 96.1079, 97.9672.



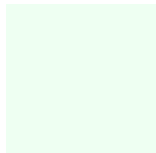
This preview shows how white text looks on a background with the XYZ color 87.0469, 96.1079,

97.972.

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

87.0469, 96.1079, 97.9672

Protanopia

91.6033, 96.1023, 98.5156

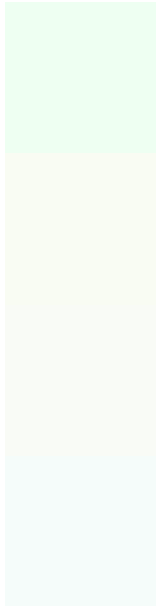
Deuteranopia

92.2146, 95.8509, 103.2634

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

87.0469, 96.1079, 97.9672

Protanomaly

90.0550, 96.2316, 98.6222

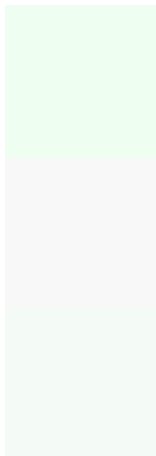
Deuteranomaly

90.1987, 95.7879, 100.9237

Tritanomaly

89.7219, 95.9354, 104.2310

Monochromacy



Original Color

87.0469, 96.1079, 97.9672

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.4400, 94.8813, 100.8414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0469, 96.1079, 97.9672 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(238, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 242)  
}
```

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(238, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 242) }
```

Border

The CSS property to change the border of an element to XYZ 87.0469, 96.1079, 97.9672 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(238, 255, 242) }
```


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

```
.border{ border-color:rgb(238, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0469, 96.1079, 97.9672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 242) }
```

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

```
.background{ background-color: rgb(238,  
255, 242) }
```

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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