

Converting Colors

XYZ(116.0216, 151.5724,
114.6011)

Have a look what the booklet for
XYZ(116.0216, 151.5724, 114.6011)
contains.

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Color

**XYZ(88.4325, 96.6622,
105.2636)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFFB
RGB	238, 255, 251
RGB Percent	93%, 100%, 98%
CMY	0.0667, 0.0000, 0.0157
CMYK	0.07, 0.00, 0.02, 0.00
HSL	166°, 100%, 97%
HSV	166°, 7%, 100%
XYZ	88.4325, 96.6622, 105.2636
YIQ	249.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

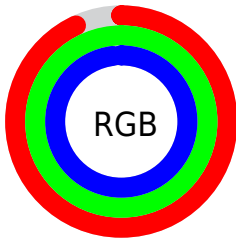
Format	Color
R_{YB}	238, 248, 255
Decimal	15663099
CIE _{Lab}	98.69, -6.25, -0.01
CIE _{LCh}	99, 6.253, 180.085
Yxy	96.6622, 0.3046, 0.3329
Android (android.graphics.Color)	4293853179 (0xFFEEFFFB)
YUV	249.4610, 0.7587, -10.0513
Hunter-Lab	98.3169, -11.5004, 5.3427

Details

The XYZ color 88.4325, 96.6622, 105.2636 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.8421, 88.8210, 96.5188, and the grayscale version is 90.4205, 95.1294, 103.5959.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3358, 54.2734, 59.5053 is the 20% darker color. If you saturate the color by 10%, you get 79.5383, 92.1846, 99.9906, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

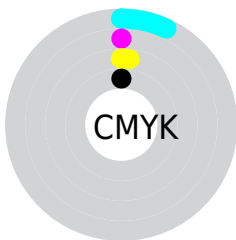
Distribution



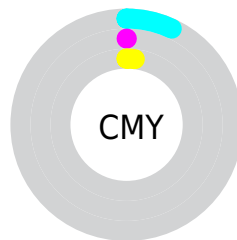
- Red (93%)
- Green (100%)
- Blue (98%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.4325, 96.6622, 105.2636 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 88.4325, 96.6622, 105.2636 by changing the saturation by 10% instead.


 88.4325, 96.6622,
105.2636

 88.4325, 96.6622,
105.2636


511.2328,
549.4727, 598.3299

 67.0133, 73.5192,
80.0623


144.0486,
156.5590, 170.4867

 49.3662, 54.4006,
59.2432


178.9762,
194.0816, 211.3456

 35.1258, 38.9220,
42.3876


219.1373,
237.1662, 258.2608

 23.9267, 26.6991,
29.0771

264.8972,
286.1972, 311.6508

 15.4037, 17.3474,
18.8931

316.6214,
341.5589, 371.9341

 9.1914, 10.4825,
11.4170

374.6751,

 4.9243, 5.7200,

403.6358, 439.5294

6.2304

439.4238,
472.8123, 514.8551

■ 2.2372, 2.6756,
2.9146

■ 0.7623, 0.9648,
1.0512

■ 88.4325, 96.6622,
105.2636

■ 88.4325, 96.6622,
105.2636

■ 79.5383, 92.1846,
99.9906

95.0500, 100.0000,
108.9000

■ 71.8349, 88.3174,
94.9269

■ 65.2684, 85.0330,
90.0699

■ 59.7802, 82.3010,
85.4153

■ 55.3058, 80.0884,
80.9589

■ 51.7741, 78.3584,
76.6956

■ 49.1042, 77.0695,
72.6201

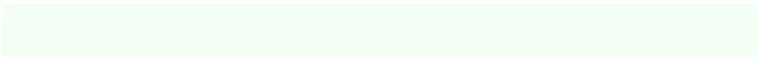
■ 47.2014, 76.1728,
68.7265

■ 45.9468, 75.6070,
65.0077

Harmonies

Analogous

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



88.8860, 96.6622, 100.3480



88.4325, 96.6622, 105.2636



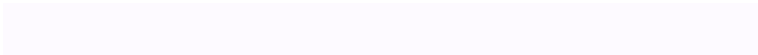
88.8911, 96.6622, 110.3331

Triad

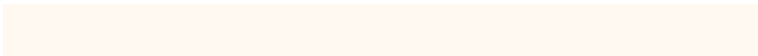
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4325, 96.6622, 105.2636



93.6331, 96.6622, 114.1256



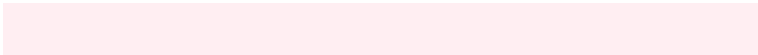
93.6240, 96.6622, 96.8303

Complementary

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



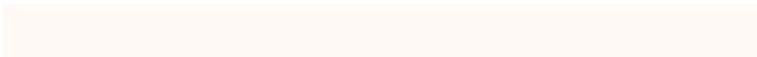
88.4325, 96.6622, 105.2636



87.8421, 88.8210, 96.5188

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.



94.9239, 96.6622, 100.3230



88.4325, 96.6622, 105.2636



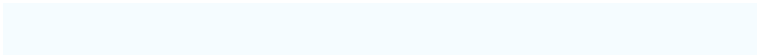
94.9293, 96.6622, 110.3064

Square

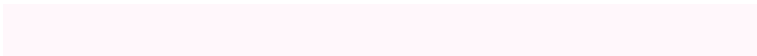
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4325, 96.6622, 105.2636



91.8797, 96.6622, 115.5511



95.4047, 96.6622, 105.2338



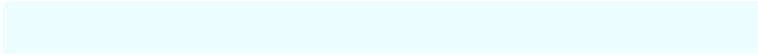
91.8693, 96.6622, 95.5776

Rectangle

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



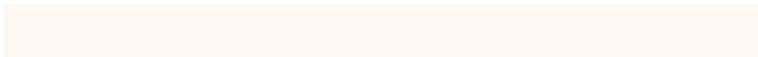
88.4325, 96.6622, 105.2636



89.6559, 96.6622, 113.0932



95.4047, 96.6622, 105.2338



94.1294, 96.6622, 97.7756

Sweetspot

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



88.4334, 96.6626, 105.2651



93.0060, 98.9685, 107.7993



87.8972, 96.6149, 94.9062



19.9285, 21.1941, 23.0851



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

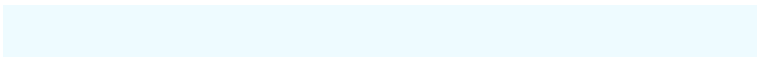
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4334, 96.6626, 105.2651



87.1760, 96.0289, 104.5491



87.7298, 94.2360, 108.1733



18.3614, 20.4041, 22.2060



23.8944, 39.4543, 33.6587



2.3686, 3.8583, 3.4986

Inverse Universe

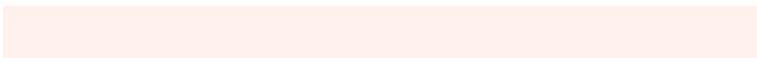
The Inverse Universe completely reimagines the original color for something new.



87.8421, 88.8210, 96.5188



86.4729, 86.7034, 94.1481



88.4999, 91.0872, 93.8075



18.1844, 18.0571, 19.5884



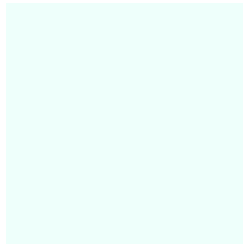
22.0221, 11.2981, 3.5011



2.1843, 1.1161, 0.5520

Previews

White Background



This preview shows how the XYZ color 88.4325, 96.6622, 105.2636 looks on a white background.

Color Contrast Check

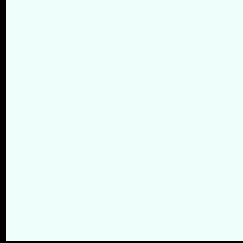
Large Text (above 18pt) WCAG AA × Fail

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 88.4325, 96.6622, 105.2636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

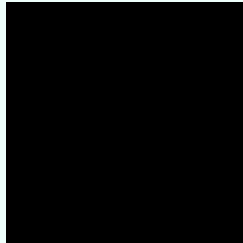
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.4325, 96.6622, 105.2636

Background



This preview shows how black text looks on a background with the XYZ color 88.4325, 96.6622, 105.2636.



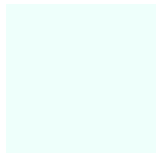
This preview shows how white text looks on a background with the XYZ color 88.4325, 96.6622,

105.2536.

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

88.4325, 96.6622, 105.2636



Protanopia

92.5245, 96.4708, 103.3667

Deuteranopia

92.8382, 96.5962, 105.0186

Tritanopia

91.6141, 96.3541, 108.3774

Trichromacy



Original Color

88.4325, 96.6622, 105.2636

Protanomaly

91.1326, 96.6627, 104.2970

Deuteranomaly

91.2899, 96.7256, 105.1252

Tritanomaly

90.3560, 96.1890, 107.5700

Monochromacy



Original Color

88.4325, 96.6622, 105.2636

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.4087, 95.3090, 104.1266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4325, 96.6622, 105.2636 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 88.4325, 96.6622, 105.2636 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, 251) }
```


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

```
.border{ border-color:rgb(238, 255, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4325, 96.6622, 105.2636 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, 251) }
```

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

```
.background{ background-color: rgb(238,  
255, 251) }
```

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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