

Converting Colors

XYZ(89.1406, 96.5239,
105.4827)

Have a look what the booklet for
XYZ(89.1406, 96.5239, 105.4827)
contains.

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Color

**XYZ(89.1300, 96.5494,
105.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FEFB
RGB	241, 254, 251
RGB Percent	95%, 100%, 98%
CMY	0.0549, 0.0039, 0.0157
CMYK	0.05, 0.00, 0.01, 0.00
HSL	166°, 87%, 97%
HSV	166°, 5%, 100%
XYZ	89.1300, 96.5494, 105.2050
YIQ	249.7710, -6.7850, -3.6890

Conversions

Conversions Part 2

Format	Color
R_{YB}	241, 248, 254
Decimal	15859451
CIE _{Lab}	98.65, -4.78, -0.05
CIE _{LCh}	99, 4.780, 180.594
Yxy	96.5494, 0.3064, 0.3319
Android (android.graphics.Color)	4294049531 (0xFFFF1FEFB)
YUV	249.7710, 0.6059, -7.6922
Hunter-Lab	98.2596, -10.0391, 5.3008

Details

The XYZ color 89.1300, 96.5494, 105.2050 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.6610, 90.5156, 98.3909, and the grayscale version is 90.6788, 95.4012, 103.8919.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8242, 54.1869, 59.4629 is the 20% darker color. If you saturate the color by 10%, you get 80.1468, 92.0263, 100.0322, and if you desaturate by 10%, it is 94.7336, 99.3673, 108.7945.

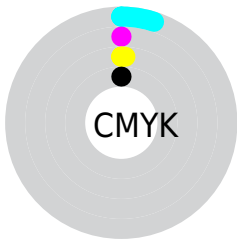
Distribution



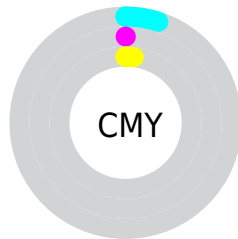
- Red (95%)
- Green (100%)
- Blue (98%)



- Red (95%)
- Yellow (97%)
- Blue (100%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.1300, 96.5494, 105.2050 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 89.1300, 96.5494, 105.2050 by changing the saturation by 10% instead.


 89.1300, 96.5494,
105.2050

 89.1300, 96.5494,
105.2050


513.4769,
549.1134, 598.1432

 67.5932, 73.4252,
80.0135


145.0138,
156.4034, 170.4059

 49.8393, 54.3237,
59.2032


180.0916,
193.9021, 211.2523

 35.5030, 38.8605,
42.3556


220.4137,
236.9610, 258.1542

 24.2189, 26.6512,
29.0522

266.3455,
285.9645, 311.5299

 15.6217, 17.3115,
18.8744

318.2523,
341.2972, 371.7982

 9.3460, 10.4568,
11.4037

376.4996,

 5.0265, 5.7029,

403.3433, 439.3775

6.2215

441.4527,
472.4872, 514.6863

■ 2.2977, 2.6653,
2.9093

■ 0.7935, 0.9596,
1.0485

■ 89.1300, 96.5494,
105.2050

■ 89.1300, 96.5494,
105.2050

■ 80.1468, 92.0263,
100.0322

94.7336, 99.3673,
108.7945

■ 72.3484, 88.1080,
95.0612

■ 65.6841, 84.7712,
90.2902

■ 60.0965, 81.9861,
85.7153

■ 55.5226, 79.7205,
81.3320

■ 51.8932, 77.9386,
77.1358

■ 49.1300, 76.6001,
73.1214

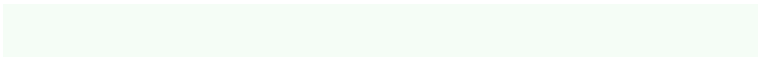
■ 47.1418, 75.6580,
69.2833

■ 45.8161, 75.0544,
65.6146

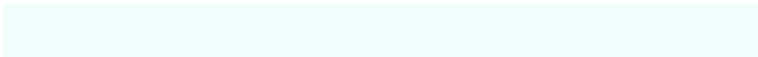
Harmonies

Analogous

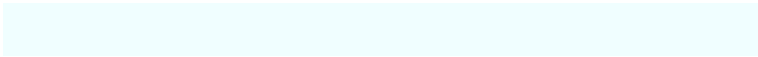
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4668, 96.5494, 101.4254



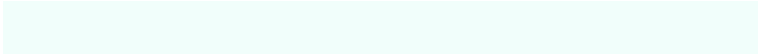
89.1300, 96.5494, 105.2050



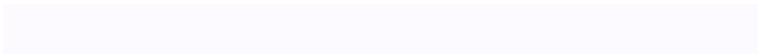
89.4939, 96.5494, 109.0557

Triad

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



89.1300, 96.5494, 105.2050



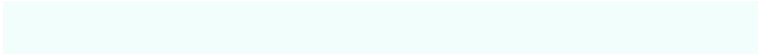
93.1294, 96.5494, 111.8288



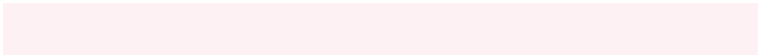
93.0811, 96.5494, 98.6205

Complementary

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



89.1300, 96.5494, 105.2050



88.6610, 90.5156, 98.3909

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.



94.0789, 96.5494, 101.2917



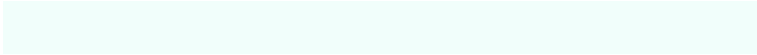
89.1300, 96.5494, 105.2050



94.1069, 96.5494, 108.9153

Square

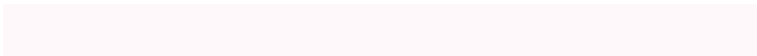
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



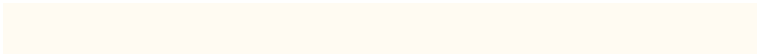
89.1300, 96.5494, 105.2050



91.7949, 96.5494, 112.9384



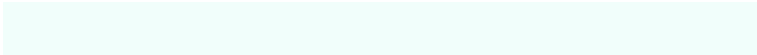
94.4561, 96.5494, 105.0468



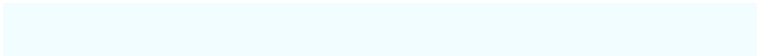
91.7397, 96.5494, 97.6822

Rectangle

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



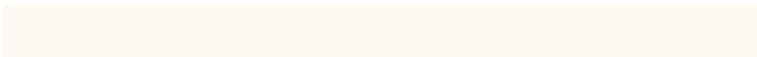
89.1300, 96.5494, 105.2050



90.0871, 96.5494, 111.1298



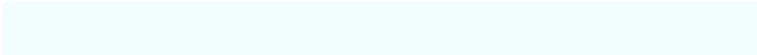
94.4561, 96.5494, 105.0468



93.4683, 96.5494, 99.3422

Sweetspot

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



89.1327, 96.5535, 105.2071



93.0094, 98.9699, 107.8174



88.6418, 96.4778, 97.1707



19.9292, 21.1944, 23.0888



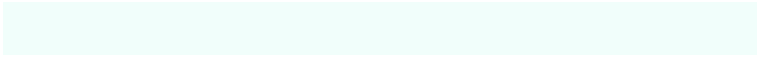
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

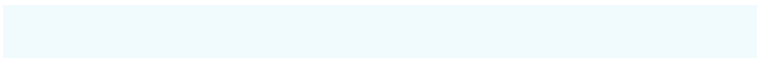
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.1327, 96.5535, 105.2071



89.0795, 96.9872, 105.6775



88.5196, 94.5633, 107.3578



18.9334, 20.6921, 22.5452



23.9573, 39.4795, 33.9901



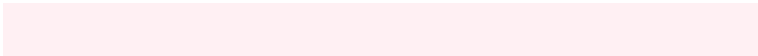
2.3742, 3.8606, 3.5283

Inverse Universe

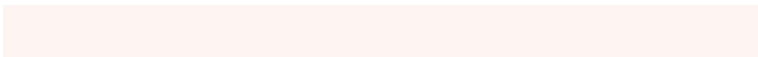
The Inverse Universe completely reimagines the original color for something new.



88.6610, 90.5156, 98.3909



88.5249, 89.8889, 97.6643



89.2448, 92.4072, 96.3532



18.8024, 19.0148, 20.6518



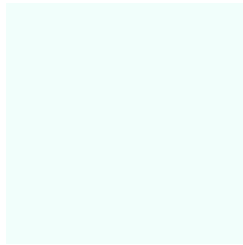
22.0068, 11.2920, 3.4204



2.1824, 1.1153, 0.5420

Previews

White Background



This preview shows how the XYZ color 89.1300, 96.5494, 105.2050 looks on a white background.

Color Contrast Check

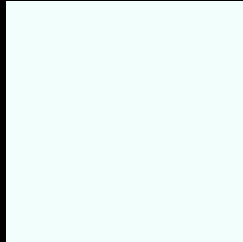
Large Text (above 18pt) WCAG AA × Fail

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 89.1300, 96.5494, 105.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

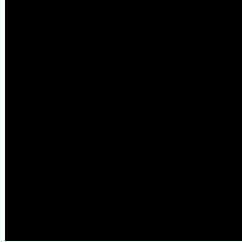
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.1300, 96.5494, 105.2050

Background



This preview shows how black text looks on a background with the XYZ color 89.1300, 96.5494, 105.2050.

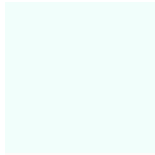


This preview shows how white text looks on a background with the XYZ color 89.1300, 96.5494,

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

89.1300, 96.5494, 105.2050

Protanopia

92.5245, 96.4708, 103.3667

Deuteranopia

92.8382, 96.5962, 105.0186

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy



Original Color

89.1300, 96.5494, 105.2050

Protanomaly

91.1768, 96.2205, 104.2094

Deuteranomaly

91.3341, 96.2834, 105.0375

Tritanomaly

91.0576, 96.5507, 107.6028

Monochromacy



Original Color

89.1300, 96.5494, 105.2050

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.1103, 95.6706, 104.1594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.1300, 96.5494, 105.2050 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(241, 254, 251)` looks like.

```
.text, #text, p{  
    color:rgb(241, 254, 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(241, 254, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 254, 251) }
```

Border

The CSS property to change the border of an element to XYZ 89.1300, 96.5494, 105.2050 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(241, 254, 251) }
```


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

```
.border{ border-color:rgb(241, 254, 251) }
```

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

Here you see how a box with a 4 pixel rgb(241, 254, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 254, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 254, 251);  
box-shadow:4px 4px 4px 4px rgb(241, 254,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 89.1300, 96.5494, 105.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 254, 251) }
```

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

```
.background{ background-color: rgb(241,  
254, 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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