

Converting Colors

XYZ(90.3558, 100.0000,
105.2389)

Have a look what the booklet for
XYZ(90.3558, 100.0000, 105.2389)
contains.

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Color

**XYZ(88.6119, 96.7728,
104.4512)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFFA
RGB	239, 255, 250
RGB Percent	94%, 100%, 98%
CMY	0.0627, 0.0000, 0.0196
CMYK	0.06, 0.00, 0.02, 0.00
HSL	161°, 100%, 97%
HSV	161°, 6%, 100%
XYZ	88.6119, 96.7728, 104.4512
YIQ	249.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

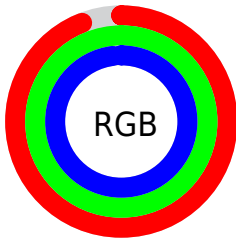
Format	Color
R _Y B	239, 248, 255
Decimal	15728634
CIE Lab	98.74, -6.11, 0.58
CIE LCh	99, 6.138, 174.614
Yxy	96.7728, 0.3057, 0.3339
Android (android.graphics.Color)	4293918714 (0xFFEFFFFFA)
YUV	249.6460, 0.1745, -9.3365
Hunter-Lab	98.3732, -11.3650, 5.9080

Details

The XYZ color 88.6119, 96.7728, 104.4512 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.4362, 89.5257, 98.2070, and the grayscale version is 90.5771, 95.2941, 103.7753.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4601, 54.3505, 58.9228 is the 20% darker color. If you saturate the color by 10%, you get 79.3787, 92.1542, 97.6359, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

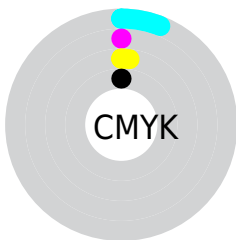
Distribution



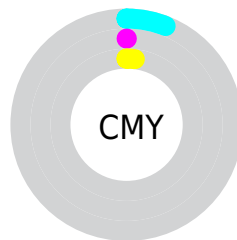
- Red (94%)
- Green (100%)
- Blue (98%)



- Red (94%)
- Yellow (97%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.6119, 96.7728, 104.4512 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 88.6119, 96.7728, 104.4512 by changing the saturation by 10% instead.


 88.6119, 96.7728,
104.4512

 88.6119, 96.7728,
104.4512

511.8105,
549.8250, 595.7394

 67.1624, 73.6114,
79.3856

144.2969,
156.7115, 169.3658

 49.4878, 54.4760,
58.6897


179.2632,
194.2576, 210.0519

 35.2227, 38.9824,
41.9450


219.4657,
237.3674, 256.7819

 24.0018, 26.7460,
28.7330

265.2699,
286.4252, 309.9744

 15.4597, 17.3826,
18.6351

317.0412,
341.8155, 370.0478

 9.2311, 10.5076,
11.2328

375.1448,

 4.9505, 5.7368,

403.9226, 437.4208

6.1075

439.9461,
473.1310, 512.5118

■ 2.2527, 2.6857,
2.8407

■ 0.7703, 0.9699,
1.0139

■ 88.6119, 96.7728,
104.4512

■ 88.6119, 96.7728,
104.4512

■ 79.3787, 92.1542,
97.6359

95.0500, 100.0000,
108.9000

■ 71.3606, 88.1560,
91.1482

■ 64.5039, 84.7506,
84.9835

■ 58.7494, 81.9076,
79.1357

■ 54.0327, 79.5937,
73.5981

■ 50.2825, 77.7723,
68.3638

■ 47.4180, 76.4020,
63.4253

■ 45.3447, 75.4340,
58.7744

■ 43.9451, 74.8078,
54.4016

Harmonies

Analogous

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



89.2156, 96.7728, 99.7907



88.6119, 96.7728, 104.4512



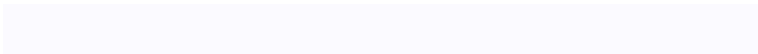
88.9010, 96.7728, 109.5075

Triad

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



88.6119, 96.7728, 104.4512



93.4135, 96.7728, 114.5402



93.9772, 96.7728, 97.5732

Complementary

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



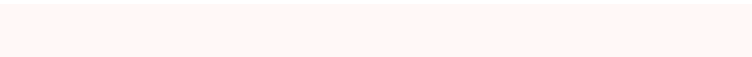
88.6119, 96.7728, 104.4512



88.4362, 89.5257, 98.2070

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.



95.1285, 96.7728, 101.3364



88.6119, 96.7728, 104.4512



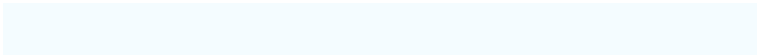
94.8002, 96.7728, 111.1516

Square

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



88.6119, 96.7728, 104.4512



91.6586, 96.7728, 115.4390



95.4317, 96.7728, 106.2924



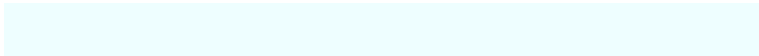
92.3015, 96.7728, 95.9026

Rectangle

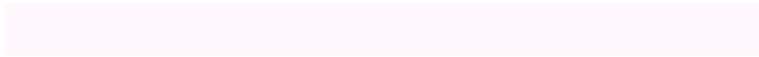
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



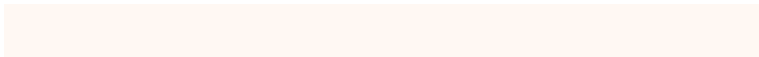
88.6119, 96.7728, 104.4512



89.5632, 96.7728, 112.4091



95.4317, 96.7728, 106.2924



94.4392, 96.7728, 98.6294

Sweetspot

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



88.6128, 96.7733, 104.4527



92.9430, 98.9433, 107.4679



88.6721, 96.9973, 95.7116



19.9157, 21.1890, 23.0177



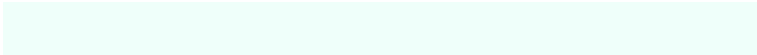
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.6128, 96.7733, 104.4527



86.9297, 95.9304, 103.2523



88.4787, 95.2339, 108.3264



18.2991, 20.3792, 21.8780



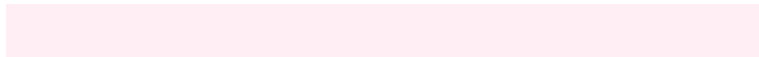
22.8161, 39.0230, 27.9804



2.2708, 3.8193, 2.9840

Inverse Universe

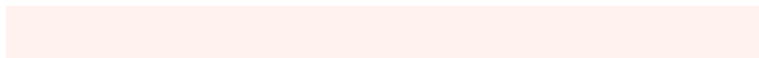
The Inverse Universe completely reimagines the original color for something new.



88.4362, 89.5257, 98.2070



86.7071, 86.7971, 95.3818



88.5530, 90.9576, 94.5521



18.2431, 18.0806, 19.8973



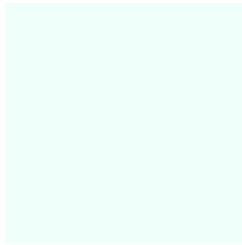
22.3578, 11.4324, 5.2687



2.2237, 1.1318, 0.7592

Previews

White Background



This preview shows how the XYZ color 88.6119, 96.7728, 104.4512 looks on a white background.

Color Contrast Check

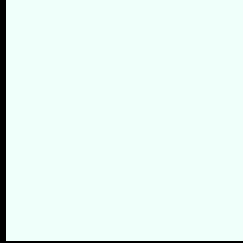
Large Text (above 18pt) WCAG AA × Fail

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 88.6119, 96.7728, 104.4512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

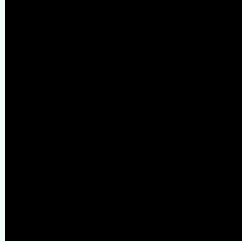
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.6119, 96.7728, 104.4512

Background



This preview shows how black text looks on a background with the XYZ color 88.6119, 96.7728, 104.4512.



This preview shows how white text looks on a background with the XYZ color 88.6119, 96.7728,

104.612.

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

88.6119, 96.7728, 104.4512

Protanopia

92.3689, 96.4085, 102.5473

Deuteranopia

92.8382, 96.5962, 105.0186

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy

A vertical color bar on the left side of the Trichromacy section, divided into four horizontal segments. The top segment is a light cyan color, the second is a light green, the third is a light yellow, and the bottom is a light pink. The text to the right of the bar is aligned with these segments.

Original Color

88.6119, 96.7728, 104.4512

Protanomaly

90.9762, 96.6001, 103.4733

Deuteranomaly

91.2899, 96.7256, 105.1252

Tritanomaly

90.5461, 96.3055, 106.7450

Monochromacy

A vertical color bar on the left side of the Monochromacy section, divided into three horizontal segments. The top segment is a light cyan color, the middle is a light green, and the bottom is a light pink. The text to the right of the bar is aligned with these segments.

Original Color

88.6119, 96.7728, 104.4512

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.0718, 96.1158, 104.2474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6119, 96.7728, 104.4512 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(239, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 250)  
}
```

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(239, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 88.6119, 96.7728, 104.4512 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(239, 255, 250) }
```


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

```
.border{ border-color:rgb(239, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6119, 96.7728, 104.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 250) }
```

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

```
.background{ background-color: rgb(239,  
255, 250) }
```

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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