

Converting Colors

XYZ(89.9306, 95.7712,
117.9287)

Have a look what the booklet for
XYZ(89.9306, 95.7712, 117.9287)
contains.

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Color

**XYZ(88.1203, 95.0180,
108.3036)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFCFF
RGB	238, 252, 255
RGB Percent	93%, 99%, 100%
CMY	0.0667, 0.0117, 0.0000
CMYK	0.07, 0.01, 0.00, 0.00
HSL	191°, 100%, 97%
HSV	191°, 7%, 100%
XYZ	88.1203, 95.0180, 108.3036
YIQ	248.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

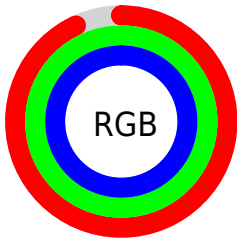
Format	Color
R _{YB}	238, 246, 255
Decimal	15662335
CIE Lab	98.04, -4.01, -3.02
CIE LCh	98, 5.020, 217.019
Yxy	95.0180, 0.3024, 0.3260
Android (android.graphics.Color)	4293852415 (0xFFEEFCFF)
YUV	248.1560, 3.3741, -8.9068
Hunter-Lab	97.4772, -9.2194, 2.3589

Details

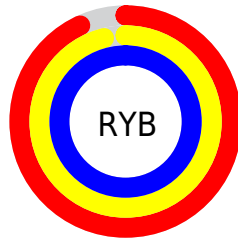
The XYZ color **88.1203, 95.0180, 108.3036** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.1270, 90.3414, 93.6832**, and the grayscale version is **89.3316, 93.9838, 102.3484**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.9996, 53.0525, 61.0837** is the 20% darker color. If you saturate the color by 10%, you get **78.7645, 88.1281, 107.4668**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

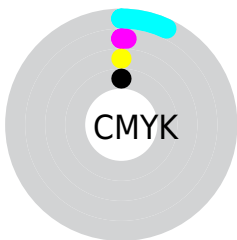
Distribution



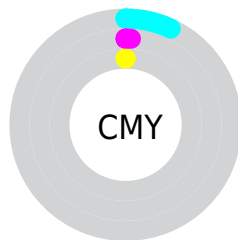
- Red (93%)
- Green (99%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.1203, 95.0180, 108.3036 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 88.1203, 95.0180, 108.3036 by changing the saturation by 10% instead.

88.1203, 95.0180,
108.3036

88.1203, 95.0180,
108.3036

510.2266,
544.2226, 607.9718

66.7538, 72.1500,
82.5977

143.6163,
154.2895, 174.6734

49.1546, 53.2812,
61.3196

178.4765,
191.4617, 216.1743

34.9571, 38.0273,
44.0509

218.5654,
234.1708, 263.7772

23.7962, 26.0039,
30.3731

264.2482,
282.8011, 317.9008

15.3064, 16.8265,
19.8675

315.8904,
337.7370, 378.9635

9.1224, 10.1109,
12.1156

373.8573,

4.8789, 5.4725,

399.3630, 447.3838

6.6990

438.5143,
468.0634, 523.5805

■ 2.2104, 2.5271,
3.1990

■ 0.7482, 0.8902,
1.1971

■ 88.1203, 95.0180,
108.3036

■ 88.1203, 95.0180,
108.3036

■ 78.7645, 88.1281,
107.4668

95.0500, 100.0000,
108.9000

■ 70.6012, 81.8995,
106.6948

■ 63.5785, 76.3076,
105.9856

■ 57.6374, 71.3219,
105.3364

■ 52.7138, 66.9089,
104.7441

■ 48.7365, 63.0314,
104.2053

■ 45.6247, 59.6476,
103.7162

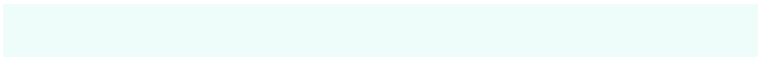
■ 43.2838, 56.7083,
103.2722

■ 41.5949, 54.1518,
102.8678

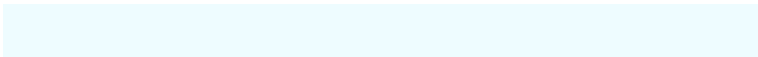
Harmonies

Analogous

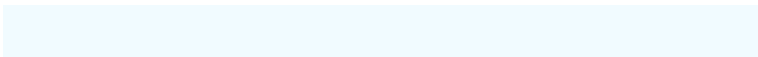
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5931, 95.0180, 104.4298



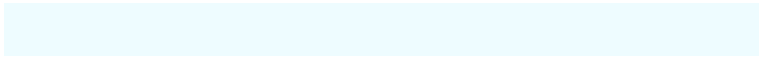
88.1203, 95.0180, 108.3036



89.2357, 95.0180, 110.9273

Triad

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



88.1203, 95.0180, 108.3036



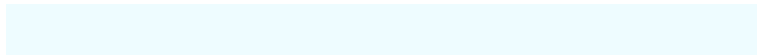
92.8833, 95.0180, 106.5836



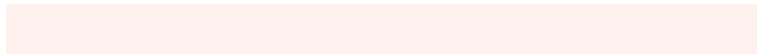
89.9741, 95.0180, 95.7905

Complementary

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



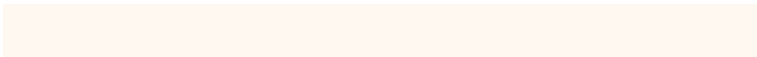
88.1203, 95.0180, 108.3036



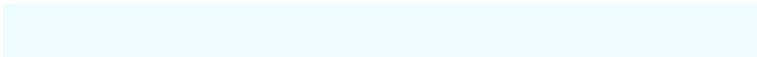
88.1270, 90.3414, 93.6832

Split Complementary

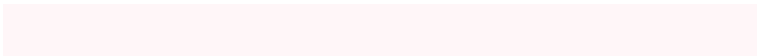
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3965, 95.0180, 96.3326



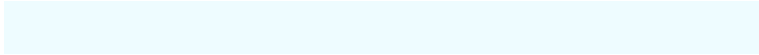
88.1203, 95.0180, 108.3036



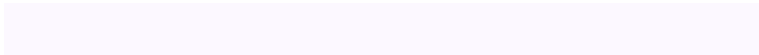
93.0861, 95.0180, 102.4931

Square

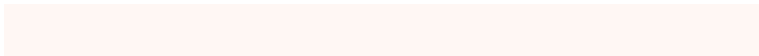
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.1203, 95.0180, 108.3036



91.9881, 95.0180, 109.9160



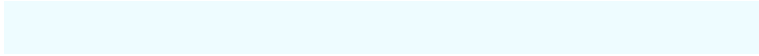
92.5393, 95.0180, 98.7600



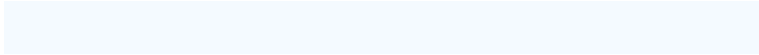
88.6559, 95.0180, 97.2589

Rectangle

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



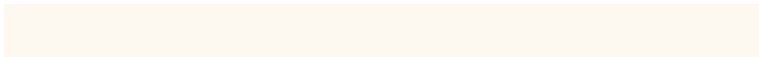
88.1203, 95.0180, 108.3036



90.1679, 95.0180, 111.5762



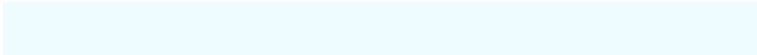
92.5393, 95.0180, 98.7600



90.4558, 95.0180, 95.7443

Sweetspot

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



88.1227, 95.0219, 108.3042



92.9126, 98.4737, 108.7180



86.8731, 96.0385, 97.0484



19.9095, 21.0935, 23.2720



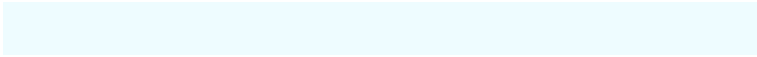
0.0000, 0.0000, 0.0000



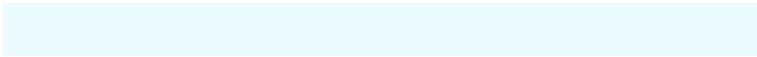
20.3446, 21.4041, 23.3091

Same Dimension

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



88.1227, 95.0219, 108.3042



86.8033, 94.0628, 108.1887



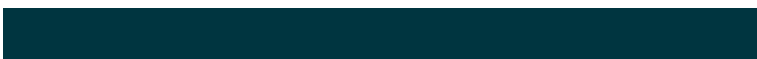
85.5614, 89.8992, 107.4504



18.2667, 19.9049, 23.1292



21.5837, 28.0769, 53.7164



2.1697, 2.8700, 5.2529

Inverse Universe

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



89.3867, 89.4388, 104.6525



88.3107, 87.4386, 103.8260



90.6519, 95.3912, 94.5248



18.6472, 18.2422, 22.0255



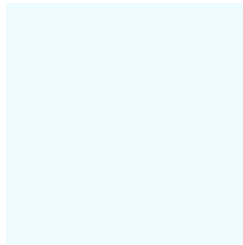
27.6826, 13.5623, 33.3089



2.7298, 1.3343, 3.4243

Previews

White Background



This preview shows how the XYZ color 88.1203, 95.0180, 108.3036 looks on a white background.

Color Contrast Check

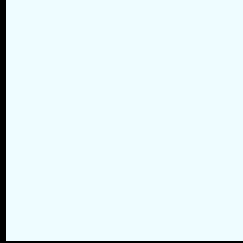
Large Text (above 18pt) WCAG AA × Fail

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 88.1203, 95.0180, 108.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

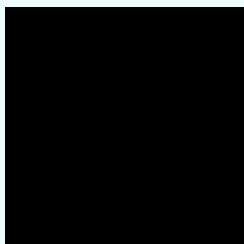
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

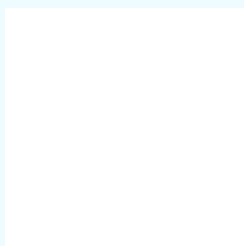
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.1203, 95.0180, 108.3036

Background



This preview shows how black text looks on a background with the XYZ color 88.1203, 95.0180, 108.3036.

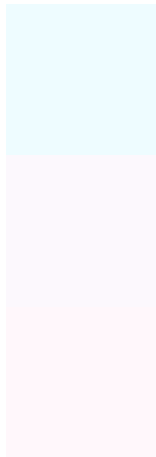


This preview shows how white text looks on a background with the XYZ color 88.1203, 95.0180,

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

88.1203, 95.0180, 108.3036

Protanopia

91.4419, 94.9221, 106.4308

Deuteranopia

91.9134, 94.7466, 104.7103

Tritanopia

90.2835, 94.7455, 108.1370

Trichromacy



Original Color

88.1203, 95.0180, 108.3036

Protanomaly

90.1228, 94.6813, 107.2913

Deuteranomaly

90.5133, 94.9194, 105.6462

Tritanomaly

89.5438, 94.8243, 108.1912

Monochromacy



Original Color

88.1203, 95.0180, 108.3036

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.5965, 93.9495, 104.7313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1203, 95.0180, 108.3036 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, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 252, 255)  
}
```

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, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.1203, 95.0180, 108.3036 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, 252, 255) }
```


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

```
.border{ border-color:rgb(238, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1203, 95.0180, 108.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 252, 255) }
```

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

```
.background{ background-color: rgb(238,  
252, 255) }
```

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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