

Converting Colors

XYZ(58.0016, 75.6678, 88.7489)

Have a look what the booklet for
XYZ(58.0016, 75.6678, 88.7489)
contains.

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Color

**XYZ(58.0863, 75.8240,
88.6648)**

Conversions

Conversions Part 1

Format	Color
Hex	8FF3E9
RGB	143, 243, 233
RGB Percent	56%, 95%, 91%
CMY	0.4392, 0.0470, 0.0863
CMYK	0.41, 0.00, 0.04, 0.05
HSL	174°, 81%, 76%
HSV	174°, 41%, 95%
XYZ	58.0863, 75.8240, 88.6648
YIQ	211.9600, -56.3900, -24.3100

Conversions

Conversions Part 2

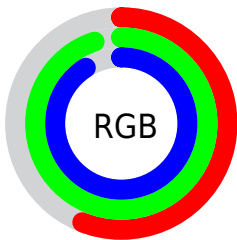
Format	Color
RYB	143, 196, 243
Decimal	9434089
CIELab	89.78, -31.63, -4.39
CIELCh	90, 31.932, 187.900
Yxy	75.8240, 0.2610, 0.3407
Android (android.graphics.Color)	4287624169 (0xFF8FF3E9)
YUV	211.9600, 10.3727, -60.4779
Hunter-Lab	87.0770, -33.3130, 0.5827

Details

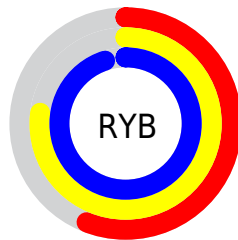
The XYZ color **58.0863, 75.8240, 88.6648** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.5370, 41.0018, 35.2851**, and the grayscale version is **62.5147, 65.7704, 71.6239**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **29.2410, 40.2234, 47.8177** is the 20% darker color. If you saturate the color by 10%, you get **53.9823, 73.7500, 86.6741**, and if you desaturate by 10%, it is **63.1106, 78.3756, 90.7269**.

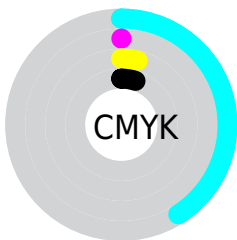
Distribution



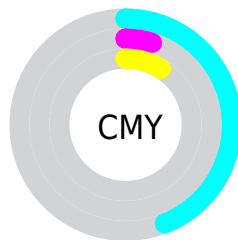
- Red (56%)
- Green (95%)
- Blue (91%)



- Red (56%)
- Yellow (77%)
- Blue (95%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)





- Cyan (44%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0863, 75.8240, 88.6648 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 58.0863, 75.8240, 88.6648 by changing the saturation by 10% instead.


 58.0863, 75.8240,
88.6648


 58.0863, 75.8240,
88.6648


407.4561,
480.7450, 544.1355

 42.1216, 56.2882,
66.3063


 101.1708,
127.4781, 147.4016

 29.3880, 40.4340,
48.0631


 129.0212,
160.3652, 184.6170

 19.5203, 27.8771,
33.5165


161.5643,
198.4715, 227.6218

 12.1531, 18.2331,
22.2480

199.1653,
242.1814, 276.8345

 6.9209, 11.1174,
13.8392

242.1896,
291.8793, 332.6737

 3.4586, 6.1459,
7.8714

291.0026,

 1.4007, 2.9340,

347.9496, 395.5579

3.9262

345.9697,
410.7767, 465.9057

■ 0.2567, 1.0974,
1.5850

■ 0.0000, 0.0000,
0.2800

■ 58.0863, 75.8240,
88.6648

■ 58.0863, 75.8240,
88.6648

■ 53.9823, 73.7500,
86.6741

■ 63.1106, 78.3756,
90.7269

■ 50.7325, 72.1140,
84.7465


■ 69.1027, 81.4237,
92.8577


■ 48.2727, 70.8847,
82.8807


■ 76.1147, 84.9970,
95.0614


■ 46.5266, 70.0227,
81.0730

■ 84.1930, 89.1194,
97.3402


 45.4028, 69.4810,
79.3190


 89.7969, 91.9657,
99.5286

 44.7983, 69.2022,
77.8056

 90.1709, 92.1153,
101.4977

 90.5497, 92.2668,
103.4926

 90.9335, 92.4203,
105.5134

 91.3221, 92.5758,
107.5601

Harmonies

Analogous

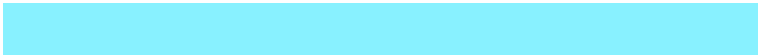
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.9294, 75.8240, 67.2954



58.0863, 75.8240, 88.6648



60.7681, 75.8240, 112.1670

Triad

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



58.0863, 75.8240, 88.6648



81.7761, 75.8240, 121.7245



77.9167, 75.8240, 48.5450

Complementary

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



58.0863, 75.8240, 88.6648



52.5370, 41.0018, 35.2851

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.



84.6894, 75.8240, 58.6825



58.0863, 75.8240, 88.6648



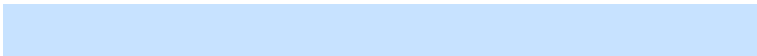
87.0283, 75.8240, 99.9730

Square

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



58.0863, 75.8240, 88.6648



74.1699, 75.8240, 133.3945



88.1315, 75.8240, 76.7410



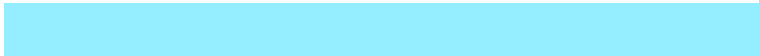
70.0071, 75.8240, 46.6237

Rectangle

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



58.0863, 75.8240, 88.6648



64.3177, 75.8240, 125.0145



88.1315, 75.8240, 76.7410



80.4181, 75.8240, 51.0023

Sweetspot

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



58.0885, 75.8270, 88.6666



84.1857, 94.4557, 105.8397



50.4646, 73.0230, 37.4234



17.7885, 20.0998, 22.5843



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.



58.0885, 75.8270, 88.6666



61.0761, 82.7108, 97.1459



49.2594, 55.8167, 92.9748



16.9211, 18.7276, 20.8686



24.6147, 37.9907, 42.8524



2.1837, 3.3471, 3.8731

Inverse Universe

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



52.5370, 41.0018, 35.2851



54.1530, 39.2081, 30.5212



58.5144, 54.2239, 33.3705



16.5665, 16.5094, 17.4636



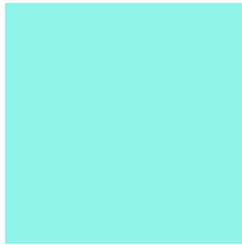
20.4005, 10.5036, 1.5514



1.8151, 0.9320, 0.2527

Previews

White Background



This preview shows how the XYZ color 58.0863, 75.8240, 88.6648 looks on a white background.

Color Contrast Check

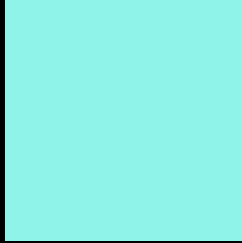
Large Text (above 18pt) WCAG AA × Fail

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 58.0863, 75.8240, 88.6648 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 58.0863, 75.8240, 88.6648

Background



This preview shows how black text looks on a background with the XYZ color 58.0863, 75.8240, 88.6648.

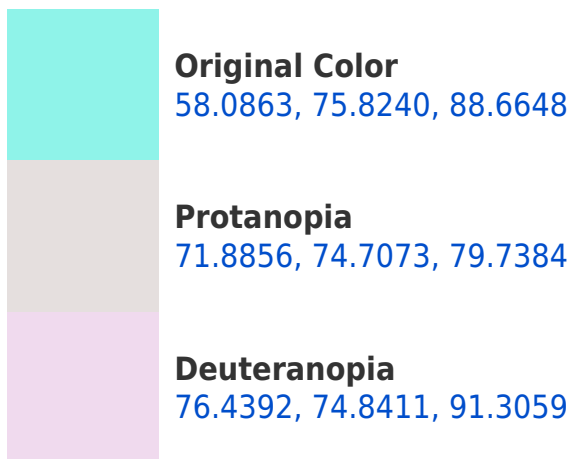


This preview shows how white text looks on a background with the XYZ color 58.0863, 75.8240,

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





Tritanopia

63.1217, 75.8427, 105.9200

Trichromacy



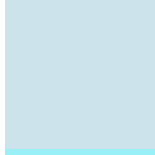
Original Color

58.0863, 75.8240, 88.6648



Protanomaly

65.3130, 74.0904, 82.8100



Deuteranomaly

67.7862, 73.9734, 90.0625



Tritanomaly

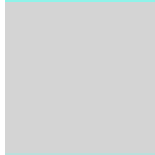
61.2750, 75.9056, 99.4174

Monochromacy



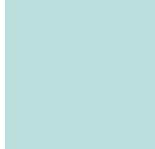
Original Color

58.0863, 75.8240, 88.6648



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.7995, 68.5075, 77.7816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0863, 75.8240, 88.6648 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(143, 243, 233)` looks like.

```
.text, #text, p{  
    color:rgb(143, 243, 233)  
}
```

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(143, 243, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 243, 233) }
```

Border

The CSS property to change the border of an element to XYZ 58.0863, 75.8240, 88.6648 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(143, 243, 233) }
```


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

```
.border{ border-color:rgb(143, 243, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 243, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 243, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 243, 233);  
box-shadow:4px 4px 4px 4px rgb(143, 243,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0863, 75.8240, 88.6648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 243, 233) }
```

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

```
.background{ background-color: rgb(143,  
243, 233) }
```

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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