

Converting Colors

XYZ(58.9104, 66.9365, 75.7284)

Have a look what the booklet for
XYZ(58.9104, 66.9365, 75.7284)
contains.

XYZ(58.8566, 66.8875, 75.4541)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.8566, 66.8875,
75.4541)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDCD9
RGB	188, 220, 217
RGB Percent	74%, 86%, 85%
CMY	0.2627, 0.1372, 0.1490
CMYK	0.15, 0.00, 0.01, 0.14
HSL	174°, 31%, 80%
HSV	174°, 15%, 86%
XYZ	58.8566, 66.8875, 75.4541
YIQ	210.0900, -18.1090, -7.7170

Conversions

Conversions Part 2

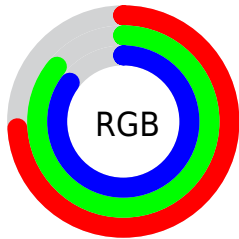
Format	Color
R _{YB}	188, 205, 220
Decimal	12377305
CIE Lab	85.45, -11.10, -2.08
CIE LCh	85, 11.289, 190.600
Yxy	66.8875, 0.2925, 0.3324
Android (android.graphics.Color)	4290567385 (0xFFBCDCD9)
YUV	210.0900, 3.4066, -19.3729
Hunter-Lab	81.7848, -14.6654, 2.5488

Details

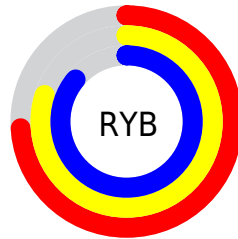
The XYZ color **58.8566, 66.8875, 75.4541** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.9048, 54.9455, 56.8995**, and the grayscale version is **61.3060, 64.4987, 70.2391**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **29.8082, 34.5872, 39.2874** is the 20% darker color. If you saturate the color by 10%, you get **53.5783, 64.1990, 73.8153**, and if you desaturate by 10%, it is **64.9683, 70.0088, 77.1523**.

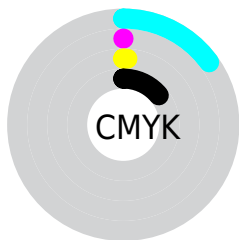
Distribution



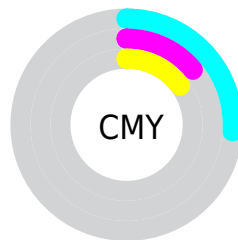
- Red (74%)
- Green (86%)
- Blue (85%)



- Red (74%)
- Yellow (80%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8566, 66.8875, 75.4541 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 58.8566, 66.8875, 75.4541 by changing the saturation by 10% instead.

■ 58.8566, 66.8875,
75.4541

■ 58.8566, 66.8875,
75.4541

410.2729,
449.5442, 498.7739

■ 42.7436, 48.9932,
55.4810

■ 102.2850,
114.7592, 128.7080

■ 29.8777, 34.6141,
39.3858

130.3312,
145.5054, 162.8258

■ 19.8934, 23.3658,
26.7498

163.0858,
181.3043, 202.4957

■ 12.4254, 14.8638,
17.1547

200.9142,
222.5404, 248.1361

■ 7.1083, 8.7239,
10.1817

244.1818,
269.5981, 300.1656

■ 3.5769, 4.5615,
5.4124

293.2538,

■ 1.4657, 1.9924,

322.8617, 359.0027

2.4283

348.4958,
382.7156, 425.0659

■ 0.3023, 0.6030,
0.8018

■ 0.0000, 0.0000,
0.0000

■ 58.8566, 66.8875,
75.4541

■ 58.8566, 66.8875,
75.4541

■ 53.5783, 64.1990,
73.8153

■ 64.9683, 70.0088,
77.1523

■ 49.0902, 61.9158,
72.2295


■ 71.9426, 73.5725,
78.9070


■ 45.3543, 60.0200,
70.6964


■ 79.8143, 77.5985,
80.7214


■ 42.3268, 58.4889,
69.2137


■ 80.4605, 77.8993,
82.2154


 39.9595, 57.2978,
67.7793


 80.7443, 78.0128,
83.7102


 38.1982, 56.4187,
66.3904


 81.0316, 78.1277,
85.2230


 36.9800, 55.8193,
65.0441

 81.3223, 78.2440,
86.7539

 36.2281, 55.4598,
63.7367

 81.6165, 78.3617,
88.3029

 35.9450, 55.3291,
63.0368

 81.9141, 78.4807,
89.8701

Harmonies

Analogous

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



59.0425, 66.8875, 68.2450



58.8566, 66.8875, 75.4541



59.9089, 66.8875, 82.3968

Triad

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



58.8566, 66.8875, 75.4541



66.8330, 66.8875, 84.0690



65.2241, 66.8875, 60.3217

Complementary

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



58.8566, 66.8875, 75.4541



56.9048, 54.9455, 56.8995

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.



67.3868, 66.8875, 64.0323



58.8566, 66.8875, 75.4541



68.3328, 66.8875, 77.6140

Square

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



58.8566, 66.8875, 75.4541



64.4846, 66.8875, 87.5877



68.5381, 66.8875, 70.2657



62.6731, 66.8875, 59.8292

Rectangle

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



58.8566, 66.8875, 75.4541



61.1880, 66.8875, 85.8181



68.5381, 66.8875, 70.2657



66.0224, 66.8875, 61.2217

Sweetspot

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



58.8585, 66.8903, 75.4556



91.2427, 98.0550, 107.9194



56.2085, 65.9224, 57.3398



19.3812, 20.9120, 23.0600



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.



58.8585, 66.8903, 75.4556



80.2124, 92.4258, 104.8229



56.0206, 60.5835, 76.4546



13.3894, 14.8074, 16.5137



21.1171, 32.4795, 37.1118



1.3838, 2.1105, 2.4869

Inverse Universe

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



56.9048, 54.9455, 56.8995



77.0543, 73.1155, 74.8263



59.4347, 60.5288, 56.1287



13.1054, 13.0713, 13.8164



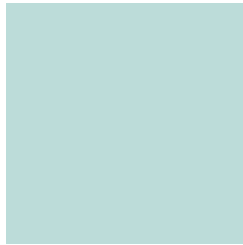
17.4177, 8.9681, 1.3139



1.1458, 0.5880, 0.1768

Previews

White Background



This preview shows how the XYZ color 58.8566, 66.8875, 75.4541 looks on a white background.

Color Contrast Check

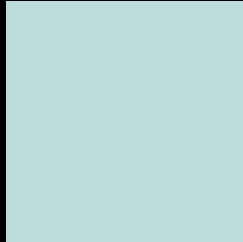
Large Text (above 18pt) WCAG AA × Fail

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 58.8566, 66.8875, 75.4541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

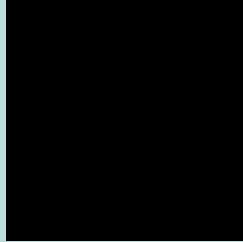
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

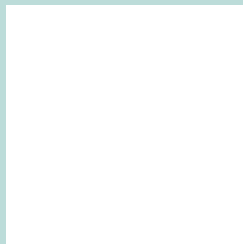
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8566, 66.8875, 75.4541

Background



This preview shows how black text looks on a background with the XYZ color 58.8566, 66.8875, 75.4541.

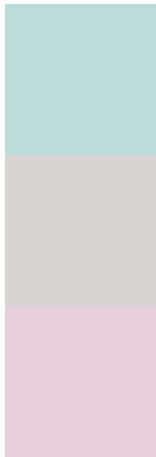


This preview shows how white text looks on a background with the XYZ color 58.8566, 66.8875,

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

58.8566, 66.8875, 75.4541

Protanopia

64.0424, 66.5921, 71.7655

Deuteranopia

68.1861, 66.7819, 77.0065



Tritanopia

61.2941, 66.7002, 88.2411

Trichromacy



Original Color

58.8566, 66.8875, 75.4541

Protanomaly

61.8916, 66.5777, 73.2071

Deuteranomaly

64.3540, 66.6485, 76.4905

Tritanomaly

60.3102, 66.6914, 83.0928

Monochromacy



Original Color

58.8566, 66.8875, 75.4541

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.4139, 65.4538, 72.4005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8566, 66.8875, 75.4541 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(188, 220, 217)` looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 217)  
}
```

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(188, 220, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 217) }
```

Border

The CSS property to change the border of an element to XYZ 58.8566, 66.8875, 75.4541 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(188, 220, 217) }
```


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

```
.border{ border-color:rgb(188, 220, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 220, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 220, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 220, 217);  
box-shadow:4px 4px 4px 4px rgb(188, 220,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8566, 66.8875, 75.4541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 220, 217) }
```

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

```
.background{ background-color: rgb(188,  
220, 217) }
```

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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