

Converting Colors

XYZ(59.0269, 66.5464, 77.2126)

Have a look what the booklet for
XYZ(59.0269, 66.5464, 77.2126)
contains.

XYZ(58.9888, 66.5217, 77.4411)	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(58.9888, 66.5217,
77.4411)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDBDC
RGB	188, 219, 220
RGB Percent	74%, 86%, 86%
CMY	0.2627, 0.1412, 0.1372
CMYK	0.15, 0.00, 0.00, 0.14
HSL	182°, 31%, 80%
HSV	182°, 15%, 86%
XYZ	58.9888, 66.5217, 77.4411
YIQ	209.8450, -18.7970, -6.2610

Conversions

Conversions Part 2

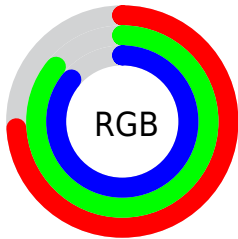
Format	Color
R _{YB}	188, 204, 220
Decimal	12377052
CIE _{Lab}	85.26, -9.98, -3.94
CIE _{LCh}	85, 10.727, 201.528
Yxy	66.5217, 0.2907, 0.3278
Android (android.graphics.Color)	4290567132 (0xFFBCDBDC)
YUV	209.8450, 5.0064, -19.1581
Hunter-Lab	81.5608, -13.6315, 0.7974

Details

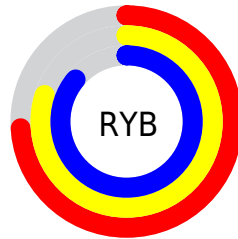
The XYZ color **58.9888, 66.5217, 77.4411** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.7903, 55.2415, 55.2476**, and the grayscale version is **61.1355, 64.3193, 70.0437**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **29.8985, 34.3359, 40.6490** is the 20% darker color. If you saturate the color by 10%, you get **53.7990, 63.5831, 77.1485**, and if you desaturate by 10%, it is **65.0093, 69.8932, 77.7756**.

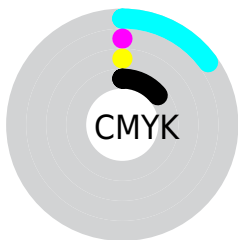
Distribution



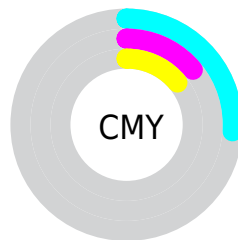
- Red (74%)
- Green (86%)
- Blue (86%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9888, 66.5217, 77.4411 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 58.9888, 66.5217, 77.4411 by changing the saturation by 10% instead.

■ 58.9888, 66.5217,
77.4411

■ 58.9888, 66.5217,
77.4411

410.7551,
448.2403, 505.7442

■ 42.8504, 48.6960,
57.1013

■ 102.4761,
114.2348, 131.5406

■ 29.9618, 34.3784,
40.6766

130.5558,
144.8910, 166.1374

■ 19.9575, 23.1845,
27.7487

163.3466,
180.5928, 206.3236

■ 12.4723, 14.7298,
17.8989

201.2139,
221.7247, 252.5177

■ 7.1406, 8.6300,
10.7088

244.5230,
268.6710, 305.1383

■ 3.5973, 4.5006,
5.7597

293.6394,

■ 1.4769, 1.9574,

321.8161, 364.6038

2.6331

348.9283,
381.5444, 431.3330

■ 0.3101, 0.5825,
0.9095

■ 0.0000, 0.0000,
0.0000

■ 58.9888, 66.5217,
77.4411

■ 58.9888, 66.5217,
77.4411

■ 53.7990, 63.5831,
77.1485

■ 65.0093, 69.8932,
77.7756

■ 49.3969, 61.0499,
76.8916

■ 71.8898, 73.7073,
78.1492

■ 45.7443, 58.9042,
76.6699

■ 79.6649, 77.9837,
78.5648

■ 42.7975, 57.1234,
76.4815

■ 80.2124, 78.5352,
78.6424

■ 40.5083, 55.6827,
76.3241

■ 80.3945, 78.8995,
78.7031

■ 38.8224, 54.5542,
76.1951

■ 80.5774, 79.2653,
78.7641

■ 37.6772, 53.7054,
76.0916

■ 80.7611, 79.6325,
78.8253

■ 36.9957, 53.0968,
76.0101

■ 80.9454, 80.0013,
78.8867

■ 36.7499, 52.8302,
75.9716

■ 81.1305, 80.3715,
78.9484

Harmonies

Analogous

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



58.7273, 66.5217, 70.4816



58.9888, 66.5217, 77.4411



60.3708, 66.5217, 83.3940

Triad

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



58.9888, 66.5217, 77.4411



66.9472, 66.5217, 81.0583



63.9162, 66.5217, 60.0121

Complementary

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



58.9888, 66.5217, 77.4411



56.7903, 55.2415, 55.2476

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.



66.1716, 66.5217, 62.4732



58.9888, 66.5217, 77.4411



67.9507, 66.5217, 74.4157

Square

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



58.9888, 66.5217, 77.4411



64.9529, 66.5217, 85.5735



67.6632, 66.5217, 67.6414



61.5317, 66.5217, 60.7078

Rectangle

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



58.9888, 66.5217, 77.4411



61.7613, 66.5217, 85.8458



67.6632, 66.5217, 67.6414



64.7155, 66.5217, 60.4917

Sweetspot

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



58.9907, 66.5245, 77.4426



91.2952, 97.9139, 108.6953



55.4681, 65.5328, 57.6057



19.3945, 20.8761, 23.2572



0.0000, 0.0000, 0.0000



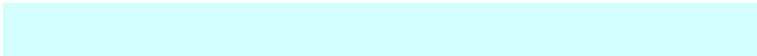
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9907, 66.5245, 77.4426



80.4313, 91.8264, 108.0928



55.1247, 58.7925, 76.1539



13.4083, 14.7563, 16.7937



21.5838, 31.0371, 44.5916



1.4095, 2.0331, 2.8926

Inverse Universe

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



60.2861, 56.2979, 74.7102



82.5294, 75.3055, 103.6575



60.3133, 62.2874, 56.4219



13.5959, 13.2675, 16.3995



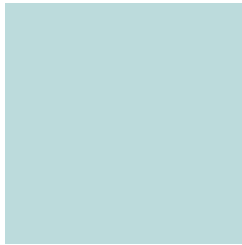
24.3899, 11.7570, 38.0286



1.5857, 0.7639, 2.4933

Previews

White Background



This preview shows how the XYZ color 58.9888, 66.5217, 77.4411 looks on a white background.

Color Contrast Check

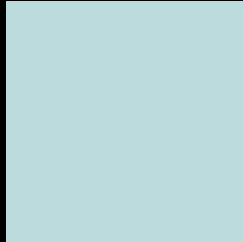
Large Text (above 18pt) WCAG AA × Fail

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 58.9888, 66.5217, 77.4411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

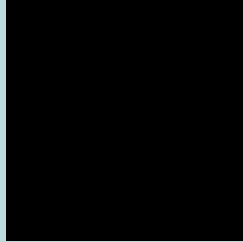
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

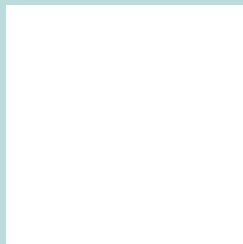
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9888, 66.5217, 77.4411

Background



This preview shows how black text looks on a background with the XYZ color 58.9888, 66.5217, 77.4411.

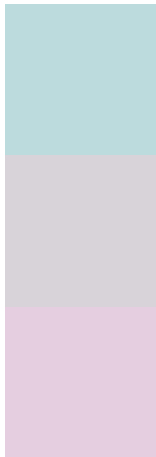


This preview shows how white text looks on a background with the XYZ color 58.9888, 66.5217,

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

58.9888, 66.5217, 77.4411

Protanopia

63.7133, 65.9935, 74.3457

Deuteranopia

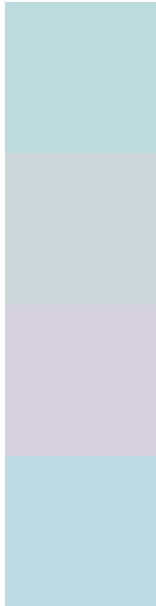
67.7037, 66.1283, 79.0077



Tritanopia

61.1500, 66.6426, 87.4823

Trichromacy



Original Color

58.9888, 66.5217, 77.4411

Protanomaly

61.7478, 66.0820, 75.1463

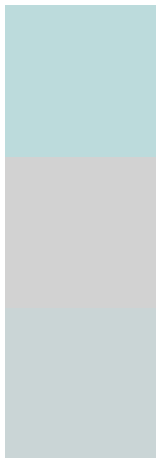
Deuteranomaly

64.2106, 66.1586, 78.4929

Tritanomaly

60.4495, 66.7471, 83.8262

Monochromacy



Original Color

58.9888, 66.5217, 77.4411

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.2890, 65.0001, 72.9870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9888, 66.5217, 77.4411 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, 219, 220)` looks like.

```
.text, #text, p{  
    color:rgb(188, 219, 220)  
}
```

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, 219, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 219, 220) }
```

Border

The CSS property to change the border of an element to XYZ 58.9888, 66.5217, 77.4411 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, 219, 220) }
```


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

```
.border{ border-color:rgb(188, 219, 220) }
```

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

Here you see how a box with a 4 pixel rgb(188, 219, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 219, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 219, 220);  
box-shadow:4px 4px 4px 4px rgb(188, 219,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9888, 66.5217, 77.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 219, 220) }
```

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

```
.background{ background-color: rgb(188,  
219, 220) }
```

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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