

Converting Colors

XYZ(58.7990, 66.5932, 64.1194)

Have a look what the booklet for
XYZ(58.7990, 66.5932, 64.1194)
contains.

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Color

**XYZ(59.0455, 66.8389,
64.4328)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DBC8
RGB	198, 219, 200
RGB Percent	78%, 86%, 78%
CMY	0.2235, 0.1412, 0.2157
CMYK	0.10, 0.00, 0.09, 0.14
HSL	126°, 23%, 82%
HSV	126°, 10%, 86%
XYZ	59.0455, 66.8389, 64.4328
YIQ	210.5550, -6.4170, -10.3610

Conversions

Conversions Part 2

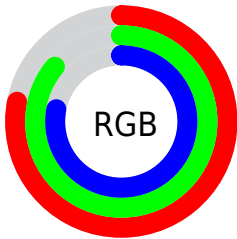
Format	Color
R _Y B	198, 217, 219
Decimal	13032392
CIE Lab	85.42, -10.53, 6.96
CIE LCh	85, 12.624, 146.565
Yxy	66.8389, 0.3102, 0.3512
Android (android.graphics.Color)	4291222472 (0xFFC6DBC8)
YUV	210.5550, -5.2036, -11.0107
Hunter-Lab	81.7551, -14.1543, 10.5009

Details

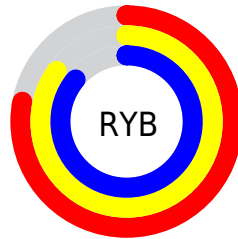
The XYZ color **59.0455, 66.8389, 64.4328** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9342, 60.4595, 74.0542**, and the grayscale version is **61.6612, 64.8723, 70.6460**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9654, 34.5555, 32.2847** is the 20% darker color. If you saturate the color by 10%, you get **51.5174, 63.2104, 52.7657**, and if you desaturate by 10%, it is **67.7122, 71.0235, 77.7227**.

Distribution



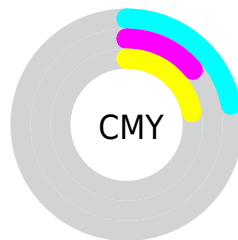
- Red (78%)
- Green (86%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0455, 66.8389, 64.4328 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 59.0455, 66.8389, 64.4328 by changing the saturation by 10% instead.

■ 59.0455, 66.8389,
64.4328

■ 59.0455, 66.8389,
64.4328

410.9619,
449.3711, 459.0012

■ 42.8963, 48.9537,
46.5529

102.5580,
114.6895, 112.8395

■ 29.9979, 34.5828,
32.3305

130.6520,
145.4238, 144.2033

■ 19.9851, 23.3417,
21.3472

163.4584,
181.2098, 180.8988

■ 12.4924, 14.8460,
13.1843

201.3423,
222.4321, 223.3446

■ 7.1545, 8.7114,
7.4234

244.6693,
269.4750, 271.9592

■ 3.6061, 4.5534,
3.6458


293.8046,


■ 1.4818, 1.9877,


322.7228, 327.1611


1.4331


349.1137,
382.5601, 389.3690


 0.3134, 0.6003,
0.1674


 0.0000, 0.0000,
0.0000


 59.0455, 66.8389,
64.4328


 59.0455, 66.8389,
64.4328


 51.5174, 63.2104,
52.7657

 67.7122, 71.0235,
77.7227

 45.0752, 60.1064,
42.6549

 77.5562, 75.7772,
92.6896

 39.6704, 57.5053,
34.0361

 84.6228, 79.1456,
105.4243

 35.2485, 55.3805,
26.8386

■ 31.7502, 53.7029,
20.9860

■ 29.1096, 52.4406,
16.3949

■ 27.2522, 51.5568,
12.9725

■ 26.0903, 51.0089,
10.6131

■ 25.4857, 50.7281,
9.1908

Harmonies

Analogous

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



61.0988, 66.8389, 59.5696



59.0455, 66.8389, 64.4328



58.1917, 66.8389, 71.8360

Triad

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



59.0455, 66.8389, 64.4328



63.1992, 66.8389, 89.6701



68.5790, 66.8389, 65.9526

Complementary

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



59.0455, 66.8389, 64.4328



61.9342, 60.4595, 74.0542

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.



69.1817, 66.8389, 73.7246



59.0455, 66.8389, 64.4328



66.0215, 66.8389, 87.8033

Square

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



59.0455, 66.8389, 64.4328



60.5441, 66.8389, 86.7375



68.2326, 66.8389, 81.8104



66.6092, 66.8389, 60.3997

Rectangle

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



59.0455, 66.8389, 64.4328



58.3981, 66.8389, 77.3630



68.2326, 66.8389, 81.8104



68.9507, 66.8389, 68.3744

Sweetspot

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



59.0473, 66.8418, 64.4343



91.1968, 98.1400, 103.0073



64.2170, 69.5337, 63.4635



19.3049, 20.9023, 21.7185



0.0000, 0.0000, 0.0000



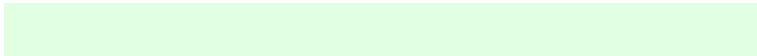
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0473, 66.8418, 64.4343



80.5332, 92.9947, 86.6061



60.2863, 67.3373, 70.9584



12.9366, 14.6263, 14.1294



15.1178, 30.0798, 5.5199



0.9970, 1.9558, 0.4505

Inverse Universe

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



61.9342, 60.4595, 74.0542



85.5875, 81.8203, 103.4484



60.6415, 59.9424, 67.2470



13.5581, 13.2523, 16.2003



23.3981, 11.3603, 32.8059



1.5317, 0.7423, 2.2090

Previews

White Background



This preview shows how the XYZ color 59.0455, 66.8389, 64.4328 looks on a white background.

Color Contrast Check

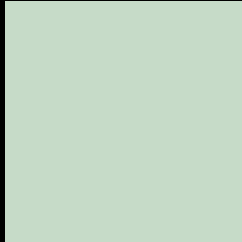
Large Text (above 18pt) WCAG AA × Fail

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 59.0455, 66.8389, 64.4328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

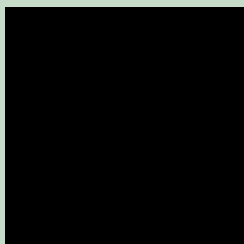
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

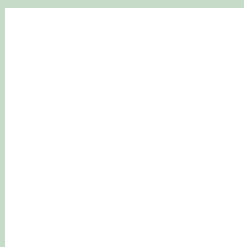
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0455, 66.8389, 64.4328

Background



This preview shows how black text looks on a background with the XYZ color 59.0455, 66.8389, 64.4328.



This preview shows how white text looks on a background with the XYZ color 59.0455, 66.8389,

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

59.0455, 66.8389, 64.4328

Protanopia

63.3261, 66.4446, 61.7120

Deuteranopia

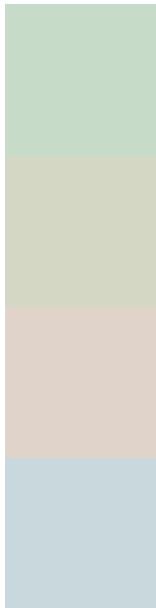
68.1107, 66.6316, 65.7713



Tritanopia

63.0990, 66.5592, 85.1228

Trichromacy



Original Color

59.0455, 66.8389, 64.4328

Protanomaly

61.8191, 66.7782, 62.4546

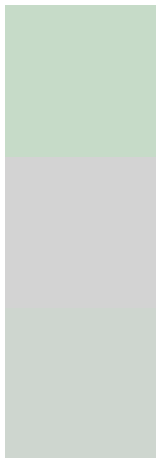
Deuteranomaly

64.3864, 66.5408, 65.3272

Tritanomaly

61.5615, 66.6965, 77.3392

Monochromacy



Original Color

59.0455, 66.8389, 64.4328

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.7627, 65.7199, 68.5142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0455, 66.8389, 64.4328 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(198, 219, 200)` looks like.

```
.text, #text, p{  
    color:rgb(198, 219, 200)  
}
```

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(198, 219, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 219, 200) }
```

Border

The CSS property to change the border of an element to XYZ 59.0455, 66.8389, 64.4328 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(198, 219, 200) }
```


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

```
.border{ border-color:rgb(198, 219, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 219, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 219, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 219, 200);  
box-shadow:4px 4px 4px 4px rgb(198, 219,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0455, 66.8389, 64.4328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 219, 200) }
```

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

```
.background{ background-color: rgb(198,  
219, 200) }
```

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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