

Converting Colors

XYZ(58.6439, 65.2626, 64.8646)

Have a look what the booklet for
XYZ(58.6439, 65.2626, 64.8646)
contains.

XYZ(58.3962, 64.9600, 64.7191)	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(58.3962, 64.9600,
64.7191)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D7C9
RGB	199, 215, 201
RGB Percent	78%, 84%, 79%
CMY	0.2196, 0.1568, 0.2118
CMYK	0.07, 0.00, 0.07, 0.16
HSL	127°, 17%, 81%
HSV	127°, 7%, 84%
XYZ	58.3962, 64.9600, 64.7191
YIQ	208.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

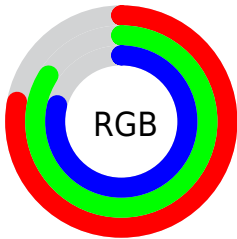
Format	Color
RYB	199, 213, 215
Decimal	13096905
CIELab	84.46, -7.97, 5.05
CIELCh	84, 9.436, 147.622
Yxy	64.9600, 0.3105, 0.3454
Android (android.graphics.Color)	4291286985 (0xFFC7D7C9)
YUV	208.6200, -3.7567, -8.4367
Hunter-Lab	80.5978, -11.7159, 8.8092

Details

The XYZ color **58.3962, 64.9600, 64.7191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4603, 60.0995, 71.3675**, and the grayscale version is **60.3843, 63.5290, 69.1831**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5143, 33.2679, 32.4695** is the 20% darker color. If you saturate the color by 10%, you get **51.0104, 61.3946, 53.5201**, and if you desaturate by 10%, it is **66.8627, 69.0549, 77.3864**.

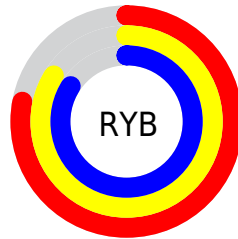
Distribution



Red (78%)

Green (84%)

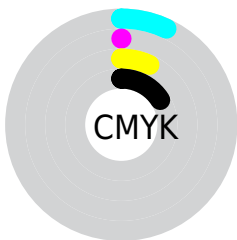
Blue (79%)



Red (78%)

Yellow (84%)

Blue (84%)

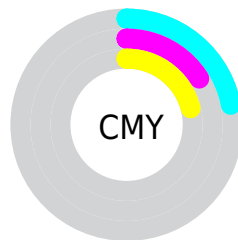


Cyan (7%)

Magenta (0%)

Yellow (7%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3962, 64.9600, 64.7191 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 58.3962, 64.9600, 64.7191 by changing the saturation by 10% instead.

■ 58.3962, 64.9600,
64.7191

■ 58.3962, 64.9600,
64.7191

408.5908,
442.6482, 460.0604

■ 42.3717, 47.4286,
46.7834

101.6192,
111.9923, 113.2553

■ 29.5849, 33.3746,
32.5114

129.5486,
142.2621, 144.6930

■ 19.6702, 22.4136,
21.4843

162.1769,
177.5468, 181.4684

■ 12.2624, 14.1611,
13.2838

199.8695,
218.2309, 224.0000

■ 6.9961, 8.2328,
7.4913

242.9919,
264.6987, 272.7065

■ 3.5060, 4.2443,
3.6881

291.9093,

■ 1.4266, 1.8111,

317.3345, 328.0064

1.4559

346.9871,
376.5229, 390.3182

■ 0.2751, 0.4941,
0.1847

■ 0.0000, 0.0000,
0.0000

■ 58.3962, 64.9600,
64.7191

■ 58.3962, 64.9600,
64.7191

■ 51.0104, 61.3946,
53.5201

■ 66.8627, 69.0549,
77.3864

■ 44.6566, 58.3291,
43.7321

■ 76.4454, 73.6910,
91.5679

■ 39.2902, 55.7437,
35.3004

■ 83.5917, 77.0834,
105.0806

■ 34.8614, 53.6139,
28.1652

■ 31.3159, 51.9132,
22.2622

■ 28.5939, 50.6120,
17.5215

■ 26.6281, 49.6775,
13.8662

■ 25.3401, 49.0710,
11.2103

■ 24.6269, 48.7414,
9.4542

Harmonies

Analogous

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



59.8901, 64.9600, 60.9749



58.3962, 64.9600, 64.7191



57.7970, 64.9600, 70.2518

Triad

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



58.3962, 64.9600, 64.7191



61.5752, 64.9600, 82.9198



65.3882, 64.9600, 65.5054

Complementary

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



58.3962, 64.9600, 64.7191



60.4603, 60.0995, 71.3675

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.



65.8637, 64.9600, 71.2112



58.3962, 64.9600, 64.7191



63.6328, 64.9600, 81.4746

Square

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



58.3962, 64.9600, 64.7191



59.6062, 64.9600, 80.9486



65.2143, 64.9600, 77.1029



63.9293, 64.9600, 61.4104

Rectangle

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



58.3962, 64.9600, 64.7191



57.9751, 64.9600, 74.2878



65.2143, 64.9600, 77.1029



65.6698, 64.9600, 67.2885

Sweetspot

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



58.3980, 64.9628, 64.7205



92.4883, 98.7614, 105.0732



62.0912, 66.8937, 63.6728



19.8231, 21.1520, 22.5301



0.0000, 0.0000, 0.0000



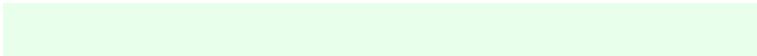
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3980, 64.9628, 64.7205



84.0386, 94.6776, 92.3810



59.3477, 65.3427, 69.7218



12.3250, 13.9210, 13.5257



14.6733, 29.1247, 5.5752



0.9063, 1.7652, 0.4485

Inverse Universe

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



60.4603, 60.0995, 71.3675



87.7022, 86.0380, 104.1892



59.4853, 59.7096, 66.2336



12.8831, 12.6047, 15.3246



22.2263, 10.8268, 29.5594



1.3597, 0.6607, 1.8838

Previews

White Background



This preview shows how the XYZ color 58.3962, 64.9600, 64.7191 looks on a white background.

Color Contrast Check

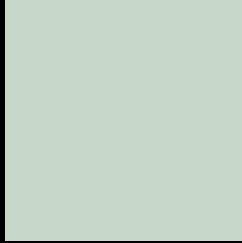
Large Text (above 18pt) WCAG AA × Fail

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 58.3962, 64.9600, 64.7191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

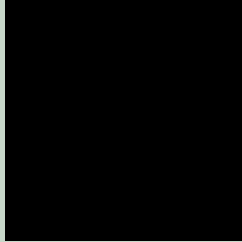
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

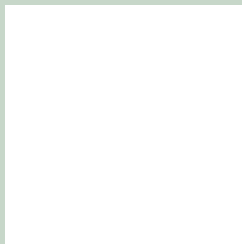
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3962, 64.9600, 64.7191

Background



This preview shows how black text looks on a background with the XYZ color 58.3962, 64.9600, 64.7191.



This preview shows how white text looks on a background with the XYZ color 58.3962, 64.9600,

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

58.3962, 64.9600, 64.7191

Protanopia

61.8549, 64.9221, 62.6972

Deuteranopia

65.9766, 64.8212, 65.5343



Tritanopia

61.9265, 64.8865, 82.6593

Trichromacy



Original Color

58.3962, 64.9600, 64.7191

Protanomaly

60.4306, 64.9121, 63.3771

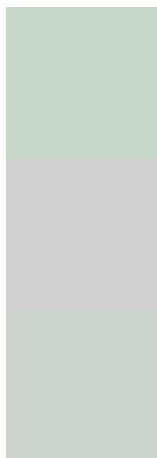
Deuteranomaly

63.0353, 64.7482, 65.0524

Tritanomaly

60.5555, 64.7055, 75.6275

Monochromacy



Original Color

58.3962, 64.9600, 64.7191

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.6117, 64.0239, 67.6085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3962, 64.9600, 64.7191 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(199, 215, 201)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 201)  
}
```

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(199, 215, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 201) }
```

Border

The CSS property to change the border of an element to XYZ 58.3962, 64.9600, 64.7191 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(199, 215, 201) }
```


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

```
.border{ border-color:rgb(199, 215, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 215, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 215, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 215, 201); box-shadow:4px 4px 4px 4px rgb(199, 215, 201) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3962, 64.9600, 64.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 201) }
```

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

```
.background{ background-color: rgb(199,  
215, 201) }
```

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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