

Converting Colors

XYZ(59.0347, 62.5565, 65.3235)

Have a look what the booklet for
XYZ(59.0347, 62.5565, 65.3235)
contains.

XYZ(59.0675, 62.6889, 65.4869)	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(59.0675, 62.6889,
65.4869)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD0CB
RGB	207, 208, 203
RGB Percent	81%, 82%, 80%
CMY	0.1882, 0.1843, 0.2039
CMYK	0.00, 0.00, 0.02, 0.18
HSL	72°, 5%, 81%
HSV	72°, 2%, 82%
XYZ	59.0675, 62.6889, 65.4869
YIQ	207.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

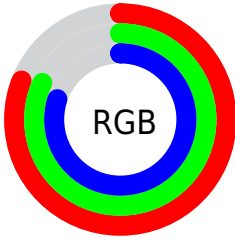
Format	Color
R _Y B	203, 208, 204
Decimal	13619403
CIE Lab	83.28, -1.24, 2.35
CIE LCh	83, 2.655, 117.836
Yxy	62.6889, 0.3155, 0.3348
Android (android.graphics.Color)	4291809483 (0xFFCFD0CB)
YUV	207.1310, -2.0366, -0.1149
Hunter-Lab	79.1763, -5.3931, 6.3845

Details

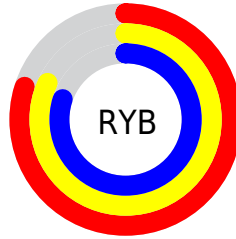
The XYZ color **59.0675, 62.6889, 65.4869** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6453, 60.1050, 68.2408**, and the grayscale version is **59.4063, 62.5001, 68.0626**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1173, 32.0534, 33.0333** is the 20% darker color. If you saturate the color by 10%, you get **55.6036, 61.1725, 53.2418**, and if you desaturate by 10%, it is **62.8984, 64.3597, 79.4879**.

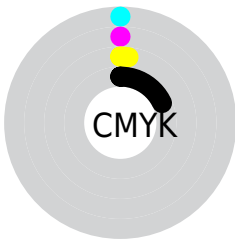
Distribution



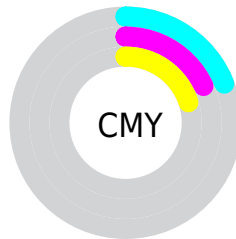
- Red (81%)
- Green (82%)
- Blue (80%)



- Red (80%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0675, 62.6889, 65.4869 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 59.0675, 62.6889, 65.4869 by changing the saturation by 10% instead.

■ 59.0675, 62.6889,
65.4869

■ 59.0675, 62.6889,
65.4869

411.0420,
434.4396, 462.8936

■ 42.9140, 45.5896,
47.4021

102.5898,
108.7206, 114.3696

■ 30.0119, 31.9221,
32.9971

130.6894,
138.4217, 146.0045

■ 19.9957, 21.3020,
21.8531

163.5017,
173.0922, 182.9933

■ 12.5002, 13.3449,
13.5517

201.3922,
213.1165, 225.7545

■ 7.1599, 7.6665,
7.6744

244.7261,
258.8790, 274.7066

■ 3.6095, 3.8823,
3.8025

293.8688,

■ 1.4837, 1.6079,

310.7641, 330.2681

1.5176

349.1856,
369.1561, 392.8576

■ 0.3147, 0.3629,
0.2310

■ 0.0000, 0.0000,
0.0000

■ 59.0675, 62.6889,
65.4869

■ 59.0675, 62.6889,
65.4869

■ 55.6036, 61.1725,
53.2418

■ 62.8984, 64.3597,
79.4879

■ 52.4880, 59.7969,
42.6792

■ 67.1036, 66.1818,
95.3060

■ 49.7082, 58.5591,
33.7267

■ 69.9762, 67.4745,
103.9435

■ 47.2489, 57.4530,
26.3048

■ 71.2510, 68.1317,
104.0031

■ 45.0935, 56.4720,
20.3276

■ 72.5576, 68.8052,
104.0643

■ 43.2239, 55.6086,
15.7005

■ 73.8961, 69.4953,
104.1269

■ 41.6196, 54.8548,
12.3176

■ 75.2668, 70.2019,
104.1911

■ 40.2574, 54.2011,
10.0574

■ 76.6698, 70.9252,
104.2567

■ 39.1092, 53.6365,
8.7739

■ 78.1054, 71.6652,
104.3239

Harmonies

Analogous

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



59.6258, 62.6889, 65.1322



59.0675, 62.6889, 65.4869



58.6499, 62.6889, 66.5804

Triad

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



59.0675, 62.6889, 65.4869



58.9954, 62.6889, 70.9821



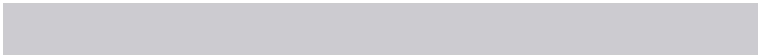
60.6992, 62.6889, 68.3776

Complementary

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



59.0675, 62.6889, 65.4869



57.6453, 60.1050, 68.2408

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.



60.5278, 62.6889, 69.9626



59.0675, 62.6889, 65.4869



59.5420, 62.6889, 71.4813

Square

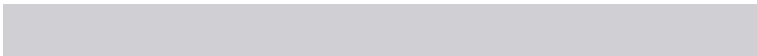
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.0675, 62.6889, 65.4869



58.6085, 62.6889, 69.7516



60.1033, 62.6889, 71.1053



60.5701, 62.6889, 66.7850

Rectangle

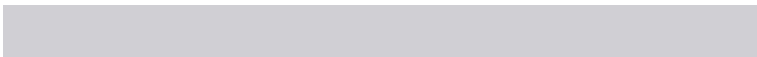
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.0675, 62.6889, 65.4869



58.5062, 62.6889, 67.5904



60.1033, 62.6889, 71.1053



60.6748, 62.6889, 68.9291

Sweetspot

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



59.0693, 62.6916, 65.4883



94.4542, 99.7400, 106.7433



58.3869, 60.9092, 65.1802



20.2234, 21.3512, 22.8702



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.



59.0693, 62.6916, 65.4883



93.2804, 99.2272, 102.5155



58.3766, 62.3345, 65.4558



12.9994, 13.8648, 14.1412



23.9768, 33.2295, 5.1502



1.4011, 1.8891, 0.2908

Inverse Universe

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



57.6453, 60.1050, 68.2408



90.4436, 94.0743, 107.9990



58.3358, 60.4609, 68.2732



12.5093, 12.9744, 15.0887



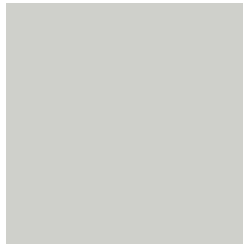
7.7475, 3.1743, 37.3968



0.4992, 0.2115, 2.0941

Previews

White Background



This preview shows how the XYZ color 59.0675, 62.6889, 65.4869 looks on a white background.

Color Contrast Check

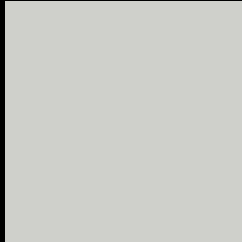
Large Text (above 18pt) WCAG AA × Fail

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 59.0675, 62.6889, 65.4869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

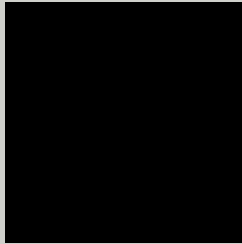
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

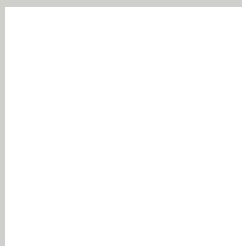
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0675, 62.6889, 65.4869

Background



This preview shows how black text looks on a background with the XYZ color 59.0675, 62.6889, 65.4869.



This preview shows how white text looks on a background with the XYZ color 59.0675, 62.6889,

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

59.0675, 62.6889, 65.4869

Protanopia

59.8834, 62.4039, 64.7661

Deuteranopia

63.7806, 62.6269, 65.8533



Tritanopia

61.4608, 62.5847, 77.2473

Trichromacy



Original Color

59.0675, 62.6889, 65.4869

Protanomaly

59.5518, 62.5916, 64.8198

Deuteranomaly

62.0071, 62.7610, 65.9727

Tritanomaly

60.5034, 62.5530, 72.5034

Monochromacy



Original Color

59.0675, 62.6889, 65.4869

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1855, 62.3473, 67.3073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0675, 62.6889, 65.4869 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(207, 208, 203) looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 203)  
}
```

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(207, 208, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 203) }
```

Border

The CSS property to change the border of an element to XYZ 59.0675, 62.6889, 65.4869 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(207, 208, 203) }
```


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

```
.border{ border-color:rgb(207, 208, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 208, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 208, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 208, 203);  
box-shadow:4px 4px 4px 4px rgb(207, 208,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0675, 62.6889, 65.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 203) }
```

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

```
.background{ background-color: rgb(207,  
208, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor