

Converting Colors

XYZ(59.0089, 62.1246, 67.9143)

Have a look what the booklet for
XYZ(59.0089, 62.1246, 67.9143)
contains.

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Color

**XYZ(59.0289, 62.2525,
67.9363)**

Conversions

Conversions Part 1

Format	Color
Hex	CECFCE
RGB	206, 207, 207
RGB Percent	81%, 81%, 81%
CMY	0.1922, 0.1882, 0.1882
CMYK	0.00, 0.00, 0.00, 0.19
HSL	180°, 1%, 81%
HSV	180°, 0%, 81%
XYZ	59.0289, 62.2525, 67.9363
YIQ	206.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
R _Y B	206, 207, 207
Decimal	13553615
CIE Lab	83.05, -0.34, -0.13
CIE LCh	83, 0.361, 200.938
Yxy	62.2525, 0.3120, 0.3290
Android (android.graphics.Color)	4291743695 (0xFFCECF)
YUV	206.7010, 0.1474, -0.6148
Hunter-Lab	78.9003, -4.5314, 4.1791

Details

The XYZ color **59.0289, 62.2525, 67.9363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9463, 61.8658, 67.2301**, and the grayscale version is **59.1167, 62.1954, 67.7308**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0899, 31.7578, 34.6809** is the 20% darker color. If you saturate the color by 10%, you get **53.6479, 59.4813, 67.6386**, and if you desaturate by 10%, it is **65.1703, 65.4192, 68.2721**.

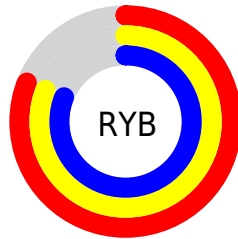
Distribution



Red (81%)

Green (81%)

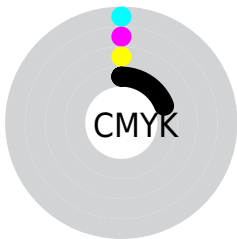
Blue (81%)



Red (81%)

Yellow (81%)

Blue (81%)

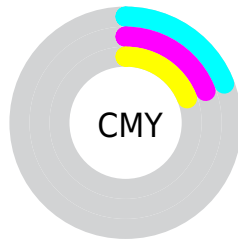


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (19%)



Cyan (19%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0289, 62.2525, 67.9363 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 59.0289, 62.2525, 67.9363 by changing the saturation by 10% instead.

■ 59.0289, 62.2525,
67.9363

■ 59.0289, 62.2525,
67.9363

410.9013,
432.8515, 471.8622

■ 42.8828, 45.2368,
49.3795

102.5341,
108.0904, 117.9144

■ 29.9873, 31.6440,
34.5529

130.6239,
137.6813, 150.1728

■ 19.9770, 21.0897,
23.0379

163.4256,
172.2328, 187.8354

■ 12.4865, 13.1896,
14.4159

201.3047,
212.1291, 231.3210

■ 7.1505, 7.5592,
8.2685

244.6265,
257.7548, 281.0479

■ 3.6035, 3.8142,
4.1770

293.7563,

■ 1.4804, 1.5702,

309.4941, 337.4347

1.7229

349.0594,
367.7316, 400.9000

■ 0.3124, 0.3374,
0.3764

■ 0.0000, 0.0000,
0.0000

■ 59.0289, 62.2525,
67.9363

■ 59.0289, 62.2525,
67.9363

■ 53.6479, 59.4813,
67.6386

■ 65.1703, 65.4192,
68.2721

■ 48.9927, 57.0825,
67.3737

■ 72.0946, 68.9878,
68.6433

■ 45.0337, 55.0426,
67.1413

■ 74.8438, 70.4040,
68.8192

■ 41.7376, 53.3444,
66.9400

■ 74.8529, 70.4076,
68.8668

■ 39.0678, 51.9692,
66.7681

■ 74.8619, 70.4113,
68.9144

■ 36.9848, 50.8963,
66.6236

■ 74.8710, 70.4149,
68.9621

■ 35.4441, 50.1031,
66.5045

■ 74.8800, 70.4185,
69.0098

■ 34.3952, 49.5635,
66.4085

■ 74.8891, 70.4221,
69.0575

■ 33.7780, 49.2463,
66.3326

■ 74.8982, 70.4258,
69.1053

Harmonies

Analogous

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



59.0209, 62.2525, 67.7146



59.0289, 62.2525, 67.9363



59.0745, 62.2525, 68.1171

Triad

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



59.0289, 62.2525, 67.9363



59.2859, 62.2525, 68.0539



59.1928, 62.2525, 67.3583

Complementary

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



59.0289, 62.2525, 67.9363



58.9463, 61.8658, 67.2301

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.



59.2639, 62.2525, 67.4488



59.0289, 62.2525, 67.9363



59.3176, 62.2525, 67.8502

Square

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



59.0289, 62.2525, 67.9363



59.2229, 62.2525, 68.1851



59.3096, 62.2525, 67.6287



59.1154, 62.2525, 67.3812

Rectangle

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



59.0289, 62.2525, 67.9363



59.1201, 62.2525, 68.1900



59.3096, 62.2525, 67.6287



59.2182, 62.2525, 67.3764

Sweetspot

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



59.0307, 62.2552, 67.9377

95.0500, 100.0000, 108.9000



58.9134, 62.2088, 67.2957



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



59.0307, 62.2552, 67.9377



94.1166, 99.5190, 108.8487



58.9137, 62.0206, 67.9008



13.1840, 13.9358, 15.2377



21.0980, 30.9321, 41.7578



1.1803, 1.7298, 2.3380

Inverse Universe

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



58.9463, 61.8658, 67.2301



93.8354, 98.2212, 106.4903



59.0629, 62.0996, 67.2668



13.1473, 13.7668, 14.9304



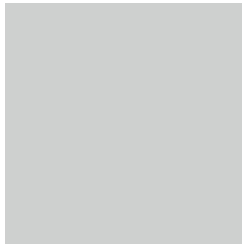
16.2157, 8.3591, 0.7760



0.9073, 0.4676, 0.0466

Previews

White Background



This preview shows how the XYZ color 59.0289, 62.2525, 67.9363 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 59.0289, 62.2525, 67.9363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

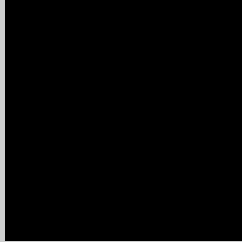
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

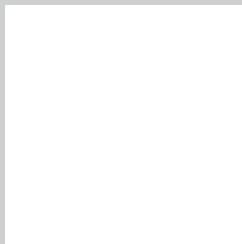
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0289, 62.2525, 67.9363

Background



This preview shows how black text looks on a background with the XYZ color 59.0289, 62.2525, 67.9363.

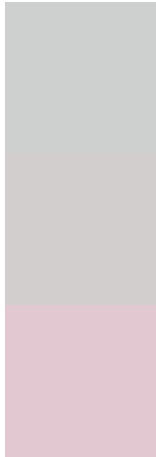


This preview shows how white text looks on a background with the XYZ color 59.0289, 62.2525,

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

59.0289, 62.2525, 67.9363

Protanopia

59.7902, 62.3005, 67.2664

Deuteranopia

63.4035, 62.0314, 68.3060



Tritanopia

60.8949, 62.2930, 77.2209

Trichromacy



Original Color

59.0289, 62.2525, 67.9363

Protanomaly

59.5064, 62.1542, 67.2531

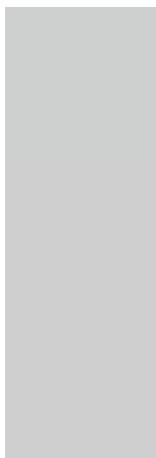
Deuteranomaly

61.9545, 62.3260, 68.4393

Tritanomaly

60.1981, 62.3659, 73.8308

Monochromacy



Original Color

59.0289, 62.2525, 67.9363

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3074, 62.3960, 67.9493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0289, 62.2525, 67.9363 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(206, 207, 207) looks like.

```
.text, #text, p{  
    color:rgb(206, 207, 207)  
}
```

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(206, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 207, 207) }
```

Border

The CSS property to change the border of an element to XYZ 59.0289, 62.2525, 67.9363 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(206, 207, 207) }
```

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

```
.border{ border-color:rgb(206, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(206, 207,  
207) }
```


Background

The CSS property to change the background color of an element to XYZ 59.0289, 62.2525, 67.9363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 207, 207) }
```

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

```
.background{ background-color: rgb(206,  
207, 207) }
```

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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