

Converting Colors

XYZ(60.1903, 63.8661, 69.3863)

Have a look what the booklet for
XYZ(60.1903, 63.8661, 69.3863)
contains.

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Color

**XYZ(60.2873, 63.9620,
69.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD2D1
RGB	207, 210, 209
RGB Percent	81%, 82%, 82%
CMY	0.1882, 0.1765, 0.1804
CMYK	0.01, 0.00, 0.00, 0.18
HSL	160°, 3%, 82%
HSV	160°, 1%, 82%
XYZ	60.2873, 63.9620, 69.4900
YIQ	208.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

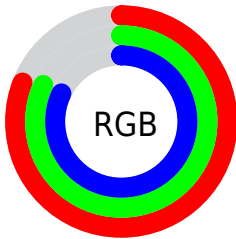
Format	Color
R_{YB}	207, 209, 210
Decimal	13619921
CIE Lab	83.95, -1.20, 0.13
CIE LCh	84, 1.207, 173.964
Yxy	63.9620, 0.3112, 0.3301
Android (android.graphics.Color)	4291810001 (0xFFCFD2D1)
YUV	208.9890, 0.0054, -1.7444
Hunter-Lab	79.9762, -5.4024, 4.4673

Details

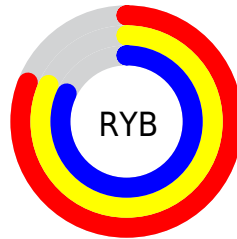
The XYZ color **60.2873, 63.9620, 69.4900** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2787, 62.8829, 68.6382**, and the grayscale version is **60.5993, 63.7552, 69.4294**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9417, 32.9158, 35.7329** is the 20% darker color. If you saturate the color by 10%, you get **53.9566, 60.7984, 64.7594**, and if you desaturate by 10%, it is **67.4402, 67.5487, 74.4614**.

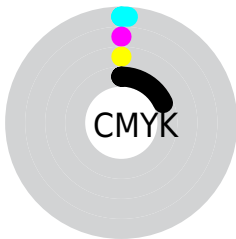
Distribution



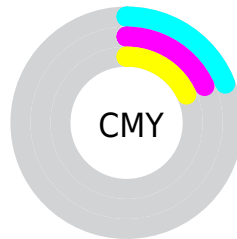
- Red (81%)
- Green (82%)
- Blue (82%)



- Red (81%)
- Yellow (82%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2873, 63.9620, 69.4900 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 60.2873, 63.9620, 69.4900 by changing the saturation by 10% instead.

■ 60.2873, 63.9620,
69.4900

■ 60.2873, 63.9620,
69.4900

415.4737,
439.0524, 477.4979

■ 43.9006, 46.6199,
50.6366

104.3503,
110.5562, 120.1555

■ 30.7899, 32.7353,
35.5448

132.7573,
140.5771, 152.8046

■ 20.5900, 21.9237,
23.7959

165.9018,
175.5931, 190.8895

■ 12.9354, 13.8009,
14.9715

204.1491,
215.9884, 234.8286

■ 7.4608, 7.9823,
8.6530

247.8646,
262.1477, 285.0404

■ 3.8008, 4.0836,
4.4218

297.4136,

■ 1.5900, 1.7204,

314.4552, 341.9436

1.8595

353.1615,
373.2953, 405.9566

■ 0.3859, 0.4368,
0.4668

■ 0.0000, 0.0000,
0.0000

■ 60.2873, 63.9620,
69.4900

■ 60.2873, 63.9620,
69.4900

■ 53.9566, 60.7984,
64.7594

■ 67.4402, 67.5487,
74.4614

■ 48.4118, 58.0337,
60.2615

■ 75.4394, 71.5653,
79.6733

■ 43.6214, 55.6537,
55.9936

■ 78.5778, 73.0716,
84.8624

■ 39.5501, 53.6401,
51.9512

■ 79.5835, 73.4739,
90.1587

■ 36.1594, 51.9732,
48.1299

■ 80.6294, 73.8923,
95.6664

■ 33.4072, 50.6314,
44.5251

■ 81.7159, 74.3269,
101.3877

■ 31.2466, 49.5904,
41.1316

■ 82.3378, 74.5756,
104.6626

■ 29.6236, 48.8226,
37.9441

■ 28.4743, 48.2951,
34.9566

Harmonies

Analogous

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



60.3818, 63.9620, 68.7865



60.2873, 63.9620, 69.4900



60.3283, 63.9620, 70.2397

Triad

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



60.2873, 63.9620, 69.4900



61.0017, 63.9620, 70.9894



61.0950, 63.9620, 68.4672

Complementary

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



60.2873, 63.9620, 69.4900



60.2787, 62.8829, 68.6382

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.



61.2620, 63.9620, 69.0511



60.2873, 63.9620, 69.4900



61.2080, 63.9620, 70.5081

Square

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



60.2873, 63.9620, 69.4900



60.7403, 63.9620, 71.1090



61.3035, 63.9620, 69.7977



60.8477, 63.9620, 68.1988

Rectangle

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



60.2873, 63.9620, 69.4900



60.4270, 63.9620, 70.6645



61.3035, 63.9620, 69.7977



61.1624, 63.9620, 68.6329

Sweetspot

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



60.2891, 63.9647, 69.4914

95.0500, 100.0000, 108.9000



60.3377, 64.0182, 68.2089



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.



60.2891, 63.9647, 69.4914



92.9254, 98.9363, 107.3749



60.3027, 63.7924, 70.1109



13.0287, 13.8599, 15.0457



16.9867, 29.2876, 20.1080



0.9858, 1.6520, 1.3141

Inverse Universe

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



60.2787, 62.8829, 68.6382



92.9025, 96.5723, 105.5105



60.2649, 63.0523, 68.0263



13.0257, 13.5517, 14.8027



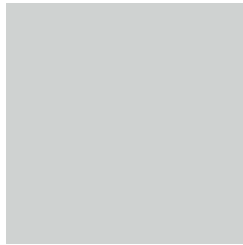
16.9318, 8.6456, 4.5470



0.9833, 0.4980, 0.4468

Previews

White Background



This preview shows how the XYZ color 60.2873, 63.9620, 69.4900 looks on a white background.

Color Contrast Check

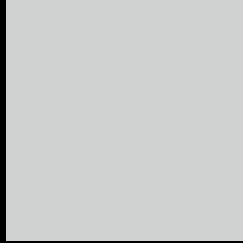
Large Text (above 18pt) WCAG AA × Fail

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 60.2873, 63.9620, 69.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

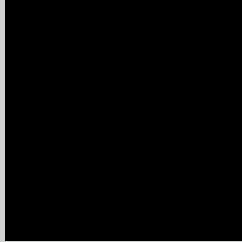
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

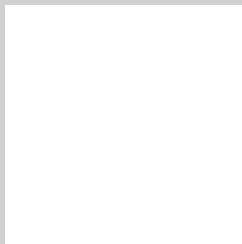
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2873, 63.9620, 69.4900

Background



This preview shows how black text looks on a background with the XYZ color 60.2873, 63.9620, 69.4900.

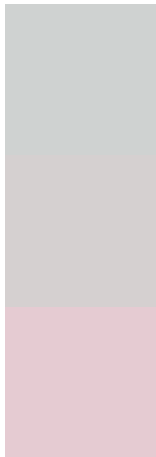


This preview shows how white text looks on a background with the XYZ color 60.2873, 63.9620,

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

60.2873, 63.9620, 69.4900

Protanopia

61.3816, 63.8120, 68.7563

Deuteranopia

65.3019, 64.0230, 69.8887



Tritanopia

62.3049, 64.0489, 79.5999

Trichromacy



Original Color

60.2873, 63.9620, 69.4900

Protanomaly

61.0496, 64.0039, 68.8108

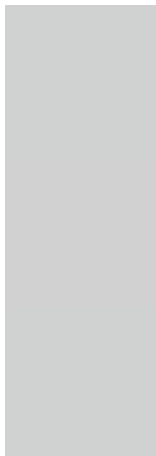
Deuteranomaly

63.5230, 64.1679, 70.0104

Tritanomaly

61.5991, 64.1253, 76.1486

Monochromacy



Original Color

60.2873, 63.9620, 69.4900

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3215, 63.6143, 69.4211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2873, 63.9620, 69.4900 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, 210, 209) looks like.

```
.text, #text, p{  
    color:rgb(207, 210, 209)  
}
```

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, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 210, 209) }
```

Border

The CSS property to change the border of an element to XYZ 60.2873, 63.9620, 69.4900 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, 210, 209) }
```

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

```
.border{ border-color:rgb(207, 210, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(207, 210,  
209) }
```


Background

The CSS property to change the background color of an element to XYZ 60.2873, 63.9620, 69.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 210, 209) }
```

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

```
.background{ background-color: rgb(207,  
210, 209) }
```

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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