

Converting Colors

XYZ(60.9663, 66.5526, 69.9543)

Have a look what the booklet for
XYZ(60.9663, 66.5526, 69.9543)
contains.

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Color

**XYZ(60.9663, 66.5526,
69.9543)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD8D1
RGB	204, 216, 209
RGB Percent	80%, 85%, 82%
CMY	0.2000, 0.1529, 0.1804
CMYK	0.06, 0.00, 0.03, 0.15
HSL	145°, 13%, 82%
HSV	145°, 6%, 85%
XYZ	60.9663, 66.5526, 69.9543
YIQ	211.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

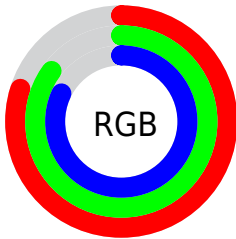
Format	Color
RYB	204, 212, 216
Decimal	13424849
CIELab	85.28, -5.33, 2.04
CIELCh	85, 5.710, 159.066
Yxy	66.5526, 0.3087, 0.3370
Android (android.graphics.Color)	4291614929 (0xFFCCD8D1)
YUV	211.6140, -1.2887, -6.6775
Hunter-Lab	81.5798, -9.3678, 6.2649

Details

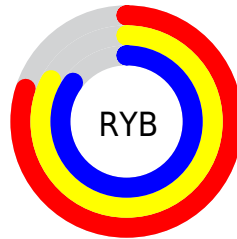
The XYZ color **60.9663, 66.5526, 69.9543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6720, 62.4894, 70.4423**, and the grayscale version is **62.3353, 65.5816, 71.4184**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2389, 34.3403, 35.9922** is the 20% darker color. If you saturate the color by 10%, you get **53.9527, 63.1120, 61.8013**, and if you desaturate by 10%, it is **68.9283, 70.4715, 78.7988**.

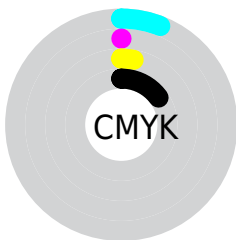
Distribution



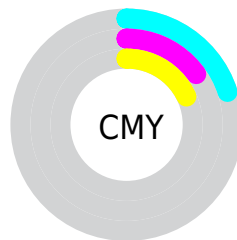
- Red (80%)
- Green (85%)
- Blue (82%)



- Red (80%)
- Yellow (83%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9663, 66.5526, 69.9543 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 60.9663, 66.5526, 69.9543 by changing the saturation by 10% instead.

■ 60.9663, 66.5526,
69.9543

■ 60.9663, 66.5526,
69.9543

417.9283,
448.3506, 479.1743

■ 44.4504, 48.7211,
51.0127

105.3285,
114.2791, 120.8241

■ 31.2242, 34.3983,
35.8419

133.9056,
144.9429, 153.5894

■ 20.9223, 23.1998,
24.0234

167.2337,
180.6530, 191.7996

■ 13.1793, 14.7411,
15.1386

205.6783,
221.7936, 235.8734

■ 7.6300, 8.6379,
8.7690

249.6047,
268.7494, 286.2292

■ 3.9089, 4.5057,
4.4961

299.3783,

■ 1.6507, 1.9603,

321.9045, 343.2856

1.9013

355.3644,
381.6434, 407.4611

■ 0.4251, 0.5843,
0.4935

■ 0.0000, 0.0000,
0.0000

■ 60.9663, 66.5526,
69.9543

■ 60.9663, 66.5526,
69.9543

■ 53.9527, 63.1120,
61.8013

■ 68.9283, 70.4715,
78.7988

■ 47.8453, 60.1229,
54.3188

■ 77.8673, 74.8777,
88.3464

■ 42.6072, 57.5682,
47.4913

■ 82.5562, 77.0780,
98.3677

■ 38.1967, 55.4270,
41.3006

■ 83.8472, 77.5944,
105.1657

■ 34.5684, 53.6761,
35.7282

■ 31.6724, 52.2902,
30.7543

■ 29.4527, 51.2410,
26.3580

■ 27.8447, 50.4953,
22.5170

■ 26.7693, 50.0131,
19.2076

Harmonies

Analogous

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



61.7049, 66.5526, 67.0844



60.9663, 66.5526, 69.9543



60.8368, 66.5526, 73.5903

Triad

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



60.9663, 66.5526, 69.9543



63.6481, 66.5526, 79.7130



65.2030, 66.5526, 68.0764

Complementary

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



60.9663, 66.5526, 69.9543



61.6720, 62.4894, 70.4423

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.



65.7390, 66.5526, 71.3502



60.9663, 66.5526, 69.9543



64.8334, 66.5526, 78.1247

Square

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



60.9663, 66.5526, 69.9543



62.3736, 66.5526, 79.3083



65.6028, 66.5526, 75.0340



64.1472, 66.5526, 66.0261

Rectangle

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



60.9663, 66.5526, 69.9543



61.1115, 66.5526, 75.9729



65.6028, 66.5526, 75.0340



65.4506, 66.5526, 69.0658

Sweetspot

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



60.9682, 66.5554, 69.9558



92.7231, 98.8554, 106.3098



62.3787, 67.3530, 66.8402



19.8709, 21.1711, 22.7819



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.



60.9682, 66.5554, 69.9558



87.1534, 96.1176, 100.0140



61.7000, 66.8482, 73.8096



12.7660, 14.1239, 14.6500



15.6774, 29.5263, 10.8627



0.9863, 1.7972, 0.8697

Inverse Universe

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



61.6720, 62.4894, 70.4423



88.4434, 88.6656, 100.9057



60.9574, 62.2035, 66.6790



12.9680, 12.9572, 14.7896



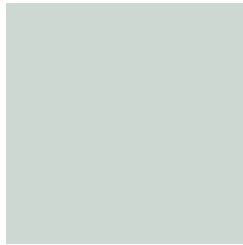
19.0467, 9.5550, 12.8160



1.1896, 0.5926, 0.9880

Previews

White Background



This preview shows how the XYZ color 60.9663, 66.5526, 69.9543 looks on a white background.

Color Contrast Check

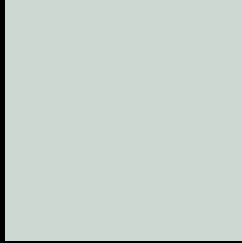
Large Text (above 18pt) WCAG AA × Fail

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 60.9663, 66.5526, 69.9543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

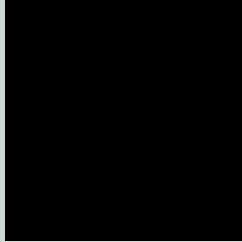
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

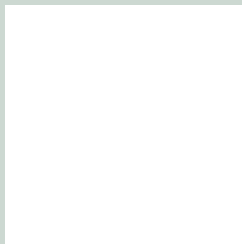
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9663, 66.5526, 69.9543

Background



This preview shows how black text looks on a background with the XYZ color 60.9663, 66.5526, 69.9543.



This preview shows how white text looks on a background with the XYZ color 60.9663, 66.5526,

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

60.9663, 66.5526, 69.9543

Protanopia

63.7194, 66.4974, 68.5084

Deuteranopia

67.7609, 66.3382, 70.8612



Tritanopia

63.8093, 66.5671, 84.3485

Trichromacy



Original Color

60.9663, 66.5526, 69.9543

Protanomaly

62.6200, 66.2887, 69.1691

Deuteranomaly

65.1109, 66.4343, 70.3642

Tritanomaly

62.6850, 66.4889, 78.6370

Monochromacy



Original Color

60.9663, 66.5526, 69.9543

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.8466, 65.8470, 71.0781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9663, 66.5526, 69.9543 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(204, 216, 209) looks like.

```
.text, #text, p{  
    color:rgb(204, 216, 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(204, 216, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 216, 209) }
```

Border

The CSS property to change the border of an element to XYZ 60.9663, 66.5526, 69.9543 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(204, 216, 209) }
```


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

```
.border{ border-color:rgb(204, 216, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 216, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 216, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 216, 209);  
box-shadow:4px 4px 4px 4px rgb(204, 216,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9663, 66.5526, 69.9543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 216, 209) }
```

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

```
.background{ background-color: rgb(204,  
216, 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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