

Converting Colors

XYZ(60.4133, 63.8324, 69.1520)

Have a look what the booklet for
XYZ(60.4133, 63.8324, 69.1520)
contains.

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Color

**XYZ(60.3215, 63.6143,
69.4211)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D1D1
RGB	208, 209, 209
RGB Percent	82%, 82%, 82%
CMY	0.1843, 0.1804, 0.1804
CMYK	0.00, 0.00, 0.00, 0.18
HSL	180°, 1%, 82%
HSV	180°, 0%, 82%
XYZ	60.3215, 63.6143, 69.4211
YIQ	208.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
R_{YB}	208, 209, 209
Decimal	13685201
CIE _{Lab}	83.76, -0.34, -0.13
CIE _{LCh}	84, 0.361, 200.952
Yxy	63.6143, 0.3120, 0.3290
Android (android.graphics.Color)	4291875281 (0xFFD0D1D1)
YUV	208.7010, 0.1474, -0.6148
Hunter-Lab	79.7586, -4.5777, 4.2256

Details

The XYZ color **60.3215, 63.6143, 69.4211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2379, 63.2227, 68.7060**, and the grayscale version is **60.4104, 63.5565, 69.2130**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9642, 32.6793, 35.6861** is the 20% darker color. If you saturate the color by 10%, you get **54.8194, 60.7807, 69.1162**, and if you desaturate by 10%, it is **66.6016, 66.8525, 69.7651**.

Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3215, 63.6143, 69.4211 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 60.3215, 63.6143, 69.4211 by changing the saturation by 10% instead.

■ 60.3215, 63.6143,
69.4211

■ 60.3215, 63.6143,
69.4211

415.5976,
437.7955, 477.2489

■ 43.9283, 46.3384,
50.5808

104.3996,
110.0553, 120.0562

■ 30.8118, 32.5129,
35.5007

132.8152,
139.9891, 152.6881

■ 20.6067, 21.7536,
23.7622

165.9689,
174.9110, 190.7543

■ 12.9476, 13.6759,
14.9468

204.2262,
215.2054, 234.6734

■ 7.4692, 7.8956,
8.6358

247.9523,
261.2566, 284.8638

■ 3.8062, 4.0282,
4.4109

297.5127,

■ 1.5931, 1.6894,

313.4491, 341.7442

1.8533

353.2727,
372.1673, 405.7330

■ 0.3879, 0.4168,
0.4628

■ 0.0000, 0.0000,
0.0000

■ 60.3215, 63.6143,
69.4211

■ 60.3215, 63.6143,
69.4211

■ 54.8194, 60.7807,
69.1162

■ 66.6016, 66.8525,
69.7651

■ 50.0598, 58.3281,
68.8447

■ 73.6827, 70.5019,
70.1452

■ 46.0125, 56.2428,
68.6066

■ 75.5786, 71.4782,
70.2828

■ 42.6432, 54.5069,
68.4003

■ 75.5879, 71.4819,
70.3320

■ 39.9148, 53.1014,
68.2239

■ 75.5973, 71.4856,
70.3813

■ 37.7865, 52.0053,
68.0757

■ 75.6066, 71.4894,
70.4306

■ 36.2129, 51.1952,
67.9535

■ 75.6160, 71.4931,
70.4800

■ 35.1423, 50.6444,
67.8548

■ 75.6254, 71.4969,
70.5293

■ 34.5130, 50.3210,
67.7768

■ 75.6348, 71.5006,
70.5787

Harmonies

Analogous

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



60.3133, 63.6143, 69.1967



60.3215, 63.6143, 69.4211



60.3677, 63.6143, 69.6041

Triad

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



60.3215, 63.6143, 69.4211



60.5817, 63.6143, 69.5400



60.4874, 63.6143, 68.8357

Complementary

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



60.3215, 63.6143, 69.4211



60.2379, 63.2227, 68.7060

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.



60.5594, 63.6143, 68.9273



60.3215, 63.6143, 69.4211



60.6139, 63.6143, 69.3337

Square

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



60.3215, 63.6143, 69.4211



60.5179, 63.6143, 69.6729



60.6057, 63.6143, 69.1095



60.4091, 63.6143, 68.8590

Rectangle

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



60.3215, 63.6143, 69.4211



60.4138, 63.6143, 69.6779



60.6057, 63.6143, 69.1095



60.5132, 63.6143, 68.8541

Sweetspot

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



60.3233, 63.6170, 69.4225

95.0500, 100.0000, 108.9000



60.2045, 63.5701, 68.7725



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.



60.3233, 63.6170, 69.4225



94.1166, 99.5190, 108.8486



60.2049, 63.3795, 69.3852



13.1840, 13.9358, 15.2377



21.0974, 30.9319, 41.7544



1.1802, 1.7298, 2.3379

Inverse Universe

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



60.2379, 63.2227, 68.7060



93.8355, 98.2212, 106.4904



60.3559, 63.4595, 68.7432



13.1473, 13.7668, 14.9304



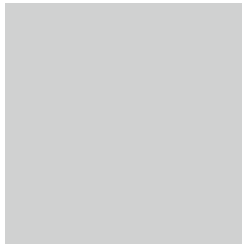
16.2157, 8.3591, 0.7762



0.9073, 0.4676, 0.0467

Previews

White Background



This preview shows how the XYZ color 60.3215, 63.6143, 69.4211 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 60.3215, 63.6143, 69.4211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

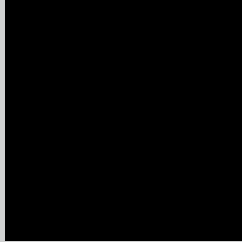
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

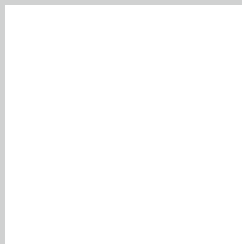
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3215, 63.6143, 69.4211

Background



This preview shows how black text looks on a background with the XYZ color 60.3215, 63.6143, 69.4211.

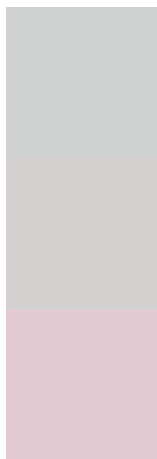


This preview shows how white text looks on a background with the XYZ color 60.3215, 63.6143,

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

60.3215, 63.6143, 69.4211

Protanopia

61.0924, 63.6629, 68.7428

Deuteranopia

64.7483, 63.3882, 69.7953



Tritanopia

62.2104, 63.6550, 78.8198

Trichromacy



Original Color

60.3215, 63.6143, 69.4211

Protanomaly

60.8050, 63.5147, 68.7293

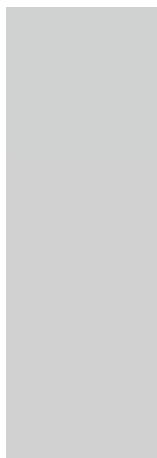
Deuteranomaly

63.2830, 63.6879, 69.9304

Tritanomaly

61.5053, 63.7290, 75.3889

Monochromacy



Original Color

60.3215, 63.6143, 69.4211

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.6036, 63.7597, 69.4343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3215, 63.6143, 69.4211 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(208, 209, 209) looks like.

```
.text, #text, p{  
    color:rgb(208, 209, 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(208, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 209, 209) }
```

Border

The CSS property to change the border of an element to XYZ 60.3215, 63.6143, 69.4211 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(208, 209, 209) }
```

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

```
.border{ border-color:rgb(208, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(208, 209,  
209) }
```


Background

The CSS property to change the background color of an element to XYZ 60.3215, 63.6143, 69.4211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 209, 209) }
```

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

```
.background{ background-color: rgb(208,  
209, 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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