

Converting Colors

XYZ(63.7599, 67.6560, 68.0909)

Have a look what the booklet for
XYZ(63.7599, 67.6560, 68.0909)
contains.

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Color

**XYZ(63.7599, 67.6560,
68.0909)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D7CE
RGB	216, 215, 206
RGB Percent	85%, 84%, 81%
CMY	0.1529, 0.1568, 0.1922
CMYK	0.00, 0.00, 0.05, 0.15
HSL	54°, 11%, 83%
HSV	54°, 5%, 85%
XYZ	63.7599, 67.6560, 68.0909
YIQ	214.2730, 3.4850, -2.5870

Conversions

Conversions Part 2

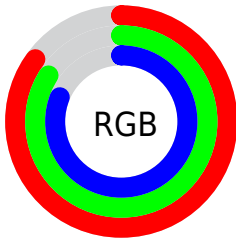
Format	Color
RYB	207, 216, 206
Decimal	14211022
CIELab	85.83, -1.24, 4.55
CIELCh	86, 4.713, 105.302
Yxy	67.6560, 0.3196, 0.3391
Android (android.graphics.Color)	4292401102 (0xFFD8D7CE)
YUV	214.2730, -4.0786, 1.5146
Hunter-Lab	82.2533, -5.5762, 8.4958

Details

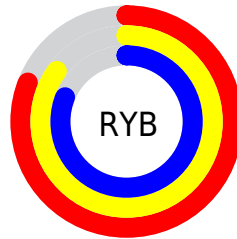
The XYZ color **63.7599, 67.6560, 68.0909** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1611, 62.7044, 73.8989**, and the grayscale version is **64.1269, 67.4665, 73.4710**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9362, 34.9857, 34.7227** is the 20% darker color. If you saturate the color by 10%, you get **60.7706, 65.5916, 55.0258**, and if you desaturate by 10%, it is **67.1209, 69.8850, 83.0607**.

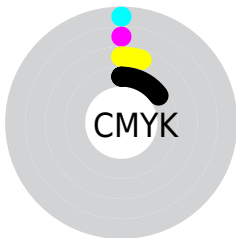
Distribution



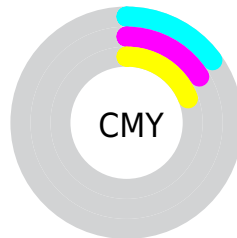
- Red (85%)
- Green (84%)
- Blue (81%)



- Red (81%)
- Yellow (85%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7599, 67.6560, 68.0909 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 63.7599, 67.6560, 68.0909 by changing the saturation by 10% instead.

■ 63.7599, 67.6560,
68.0909

■ 63.7599, 67.6560,
68.0909

427.9381,
452.2762, 472.4248

■ 46.7172, 49.6179,
49.5045

109.3407,
115.8599, 118.1376

■ 33.0191, 35.1099,
34.6515

138.6096,
146.7945, 150.4351

■ 22.3004, 23.7476,
23.1131

172.6845,
182.7967, 188.1399

■ 14.1956, 15.1465,
14.4710

211.9309,
224.2510, 231.6708

■ 8.3395, 8.9222,
8.3065

256.7141,
271.5417, 281.4462

■ 4.3666, 4.6905,
4.2011

307.3995,

■ 1.9115, 2.0668,

325.0532, 337.8846

1.7363

364.3523,
385.1699, 401.4046

■ 0.5835, 0.6459,
0.3854

■ 0.0000, 0.0000,
0.0000

■ 63.7599, 67.6560,
68.0909

■ 63.7599, 67.6560,
68.0909

■ 60.7706, 65.5916,
55.0258

■ 67.1209, 69.8850,
83.0607

■ 58.1326, 63.6770,
43.7840

■ 70.8617, 72.2753,
100.0033

■ 55.8323, 61.9089,
34.2848

■ 72.3473, 73.7752,
105.0347

■ 53.8527, 60.2805,
26.4396

■ 72.9206, 74.9217,
105.2258

■ 52.1756, 58.7844,
20.1521

■ 73.5012, 76.0830,
105.4193

■ 50.7808, 57.4126,
15.3161

■ 74.0891, 77.2589,
105.6153

■ 49.6455, 56.1558,
11.8120

■ 74.6844, 78.4495,
105.8137

■ 48.7434, 55.0036,
9.5013

■ 75.2871, 79.6549,
106.0146

■ 48.0423, 53.9429,
8.2151

■ 75.8973, 80.8751,
106.2180

Harmonies

Analogous

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



64.8320, 67.6560, 68.0755



63.7599, 67.6560, 68.0909



62.8438, 67.6560, 69.5717

Triad

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



63.7599, 67.6560, 68.0909



62.8591, 67.6560, 77.9636



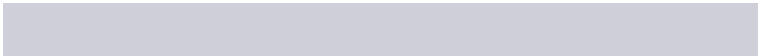
66.3294, 67.6560, 75.1813

Complementary

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



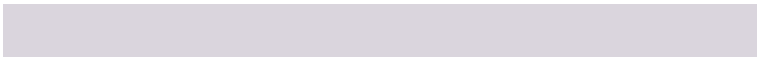
63.7599, 67.6560, 68.0909



60.1611, 62.7044, 73.8989

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.



65.7886, 67.6560, 77.9176



63.7599, 67.6560, 68.0909



63.7809, 67.6560, 79.5542

Square

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



63.7599, 67.6560, 68.0909



62.3277, 67.6560, 75.2426



64.8532, 67.6560, 79.5372



66.3237, 67.6560, 72.1114

Rectangle

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



63.7599, 67.6560, 68.0909



62.4414, 67.6560, 71.2149



64.8532, 67.6560, 79.5372



66.2053, 67.6560, 76.1724

Sweetspot

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



63.7618, 67.6589, 68.0924



94.5611, 99.6749, 106.7251



61.6536, 63.2475, 67.9909



20.2451, 21.3380, 22.8665



0.0000, 0.0000, 0.0000



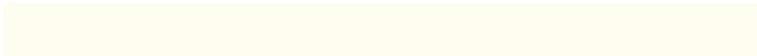
20.3446, 21.4041, 23.3091

Same Dimension

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



63.7618, 67.6589, 68.0924



92.1994, 98.0849, 96.2775



62.8487, 67.5659, 68.1225



13.5470, 14.4255, 14.0265



28.2898, 31.6969, 4.6271



1.7376, 1.9743, 0.2895

Inverse Universe

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



60.1611, 62.7044, 73.8989



85.4051, 88.7361, 107.2342



61.0452, 62.8031, 73.8714



12.4616, 12.9320, 15.7768



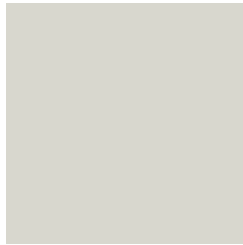
7.5371, 3.3360, 38.6998



0.4894, 0.2707, 2.3458

Previews

White Background



This preview shows how the XYZ color 63.7599, 67.6560, 68.0909 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 63.7599, 67.6560, 68.0909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

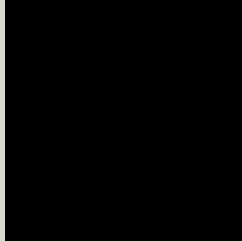
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

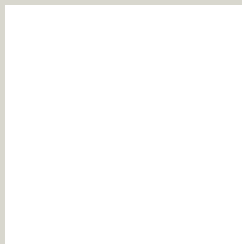
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.7599, 67.6560, 68.0909

Background



This preview shows how black text looks on a background with the XYZ color 63.7599, 67.6560, 68.0909.

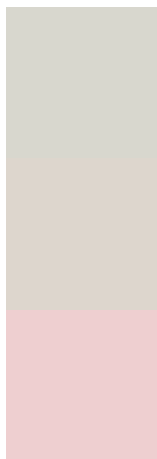


This preview shows how white text looks on a background with the XYZ color 63.7599, 67.6560,

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

63.7599, 67.6560, 68.0909

Protanopia

64.8848, 67.8731, 67.4386

Deuteranopia

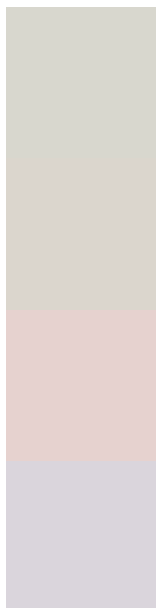
68.9579, 67.3569, 69.0412



Tritanopia

66.7605, 67.7485, 82.9569

Trichromacy



Original Color

63.7599, 67.6560, 68.0909

Protanomaly

64.2794, 67.5610, 67.4103

Deuteranomaly

66.9422, 67.4212, 68.5168

Tritanomaly

65.6260, 67.6612, 77.3112

Monochromacy



Original Color

63.7599, 67.6560, 68.0909

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.8288, 67.2434, 71.2431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7599, 67.6560, 68.0909 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(216, 215, 206) looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 206)  
}
```

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(216, 215, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 206) }
```

Border

The CSS property to change the border of an element to XYZ 63.7599, 67.6560, 68.0909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

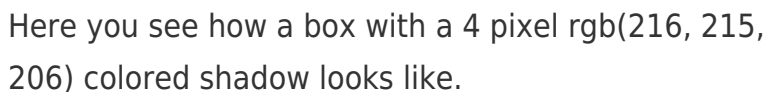
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 215, 206) }
```


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

```
.border{ border-color:rgb(216, 215, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 215, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 215, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 215, 206); box-shadow:4px 4px 4px 4px rgb(216, 215, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7599, 67.6560, 68.0909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 206) }
```

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

```
.background{ background-color: rgb(216,  
215, 206) }
```

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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