

Converting Colors

XYZ(64.5102, 69.3756, 75.3181)

Have a look what the booklet for
XYZ(64.5102, 69.3756, 75.3181)
contains.

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Color

**XYZ(64.7199, 69.5217,
75.6536)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DBD9
RGB	211, 219, 217
RGB Percent	83%, 86%, 85%
CMY	0.1725, 0.1412, 0.1490
CMYK	0.04, 0.00, 0.01, 0.14
HSL	165°, 10%, 84%
HSV	165°, 4%, 86%
XYZ	64.7199, 69.5217, 75.6536
YIQ	216.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

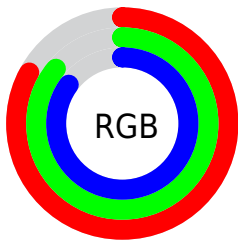
Format	Color
R _Y B	211, 216, 219
Decimal	13884377
CIE Lab	86.76, -3.06, 0.03
CIE LCh	87, 3.056, 179.361
Yxy	69.5217, 0.3083, 0.3312
Android (android.graphics.Color)	4292074457 (0xFFD3DBD9)
YUV	216.3800, 0.3057, -4.7183
Hunter-Lab	83.3797, -7.3615, 4.5697

Details

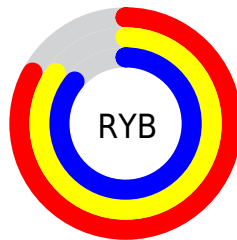
The XYZ color **64.7199, 69.5217, 75.6536** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5205, 66.4545, 72.3806**, and the grayscale version is **65.5310, 68.9437, 75.0797**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7017, 36.3277, 39.4181** is the 20% darker color. If you saturate the color by 10%, you get **58.1673, 66.2267, 71.6871**, and if you desaturate by 10%, it is **72.1550, 73.2728, 79.7879**.

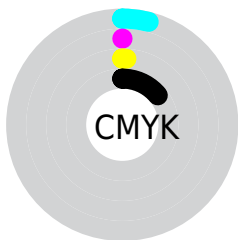
Distribution



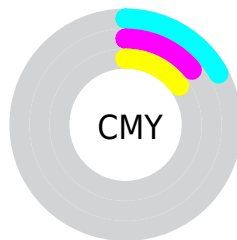
- Red (83%)
- Green (86%)
- Blue (85%)



- Red (83%)
- Yellow (85%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7199, 69.5217, 75.6536 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 64.7199, 69.5217, 75.6536 by changing the saturation by 10% instead.

■ 64.7199, 69.5217,
75.6536

■ 64.7199, 69.5217,
75.6536

431.3459,
458.8688, 499.4763

■ 47.4978, 51.1367,
55.6436

110.7150,
118.5264, 128.9927

■ 33.6390, 36.3174,
39.5151

140.2188,
149.9149, 163.1589

■ 22.7780, 24.6794,
26.8498

174.5472,
186.4067, 202.8808

■ 14.5494, 15.8384,
17.2290

214.0656,
228.3862, 248.5771

■ 8.5880, 9.4099,
10.2342

259.1392,
276.2377, 300.6663

■ 4.5284, 5.0095,
5.4469

310.1336,

■ 2.0052, 2.2528,

330.3458, 359.5668

2.4485

367.4140,
391.0947, 425.6973

■ 0.6369, 0.7486,
0.8127

■ 0.0000, 0.0000,
0.0000

■ 64.7199, 69.5217,
75.6536

■ 64.7199, 69.5217,
75.6536

■ 58.1673, 66.2267,
71.6871

■ 72.1550, 73.2728,
79.7879

■ 52.4567, 63.3611,
67.8812

■ 80.4992, 77.4879,
84.0882

■ 47.5531, 60.9089,
64.2342

■ 81.3450, 77.8346,
88.1635

■ 43.4170, 58.8496,
60.7433

■ 82.1427, 78.1536,
92.3637

■ 40.0052, 57.1611,
57.4051

■ 82.9649, 78.4825,
96.6934

■ 37.2703, 55.8190,
54.2162

■ 83.8118, 78.8213,
101.1535

■ 35.1591, 54.7957,
51.1728

■ 84.6229, 79.1457,
105.4243

■ 33.6100, 54.0598,
48.2707

■ 32.5486, 53.5728,
45.5052

Harmonies

Analogous

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



64.9083, 69.5217, 73.7183



64.7199, 69.5217, 75.6536



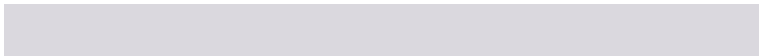
64.8933, 69.5217, 77.6344

Triad

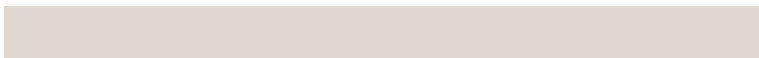
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.7199, 69.5217, 75.6536



66.7512, 69.5217, 79.1632



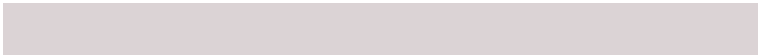
66.7779, 69.5217, 72.3765

Complementary

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



64.7199, 69.5217, 75.6536



64.5205, 66.4545, 72.3806

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.



67.2777, 69.5217, 73.7927



64.7199, 69.5217, 75.6536



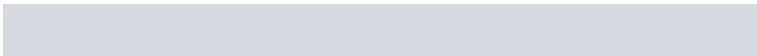
67.2622, 69.5217, 77.7114

Square

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



64.7199, 69.5217, 75.6536



66.0630, 69.5217, 79.6826



67.4556, 69.5217, 75.7410



66.0936, 69.5217, 71.8472

Rectangle

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



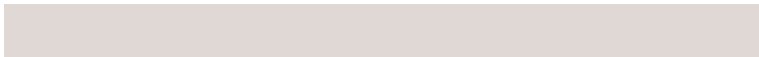
64.7199, 69.5217, 75.6536



65.1914, 69.5217, 78.7091



67.4556, 69.5217, 75.7410



66.9732, 69.5217, 72.7633

Sweetspot

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



64.7219, 69.5247, 75.6551



94.0154, 99.4785, 108.3160



64.5709, 69.5354, 71.6475



20.1341, 21.2980, 23.1903



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.



64.7219, 69.5247, 75.6551



90.9880, 97.9532, 106.5782



64.4996, 68.6606, 76.8747



13.9882, 15.1182, 16.4458



19.0492, 31.6523, 26.2220



1.2678, 2.0641, 1.8761

Inverse Universe

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



64.5205, 66.4545, 72.3806



90.6750, 93.1811, 101.4885



64.7344, 67.2868, 71.2048



13.9318, 14.2580, 15.5284



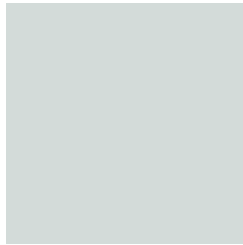
17.7657, 9.1073, 3.1464



1.1855, 0.6038, 0.3858

Previews

White Background



This preview shows how the XYZ color 64.7199, 69.5217, 75.6536 looks on a white background.

Color Contrast Check

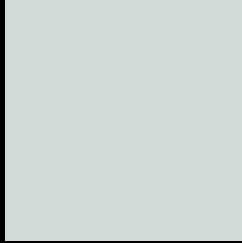
Large Text (above 18pt) WCAG AA × Fail

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 64.7199, 69.5217, 75.6536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

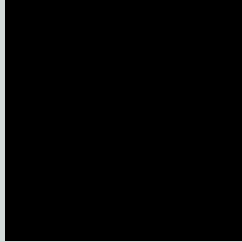
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

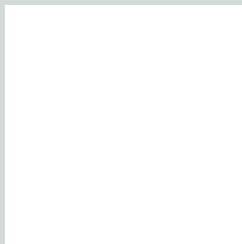
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.7199, 69.5217, 75.6536

Background



This preview shows how black text looks on a background with the XYZ color 64.7199, 69.5217, 75.6536.



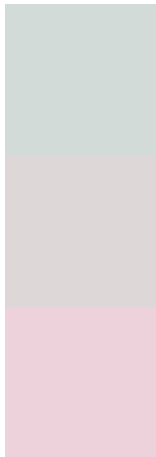
This preview shows how white text looks on a background with the XYZ color 64.7199, 69.5217,

75.6536.

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

64.7199, 69.5217, 75.6536

Protanopia

66.6404, 69.3902, 74.1713

Deuteranopia

70.7578, 69.2122, 76.6478



Tritanopia

67.1387, 69.3484, 87.6889

Trichromacy



Original Color

64.7199, 69.5217, 75.6536

Protanomaly

65.8228, 69.3353, 74.8796

Deuteranomaly

68.4440, 69.1444, 76.0685

Tritanomaly

66.2570, 69.3733, 83.2971

Monochromacy



Original Color

64.7199, 69.5217, 75.6536

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.9391, 68.8797, 74.8382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7199, 69.5217, 75.6536 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(211, 219, 217) looks like.

```
.text, #text, p{  
    color:rgb(211, 219, 217)  
}
```

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(211, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 217) }
```

Border

The CSS property to change the border of an element to XYZ 64.7199, 69.5217, 75.6536 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(211, 219, 217) }
```


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

```
.border{ border-color:rgb(211, 219, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 219, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 217);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7199, 69.5217, 75.6536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 217) }
```

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

```
.background{ background-color: rgb(211,  
219, 217) }
```

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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