

Converting Colors

XYZ(64.3214, 67.5717, 74.0086)

Have a look what the booklet for
XYZ(64.3214, 67.5717, 74.0086)
contains.

XYZ(64.3366, 67.4465, 73.9176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(64.3366, 67.4465,
73.9176)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D6D7
RGB	215, 214, 215
RGB Percent	84%, 84%, 84%
CMY	0.1569, 0.1608, 0.1569
CMYK	0.00, 0.00, 0.00, 0.16
HSL	300°, 1%, 84%
HSV	300°, 0%, 84%
XYZ	64.3366, 67.4465, 73.9176
YIQ	214.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
RYB	215, 214, 215
Decimal	14145239
CIELab	85.73, 0.53, -0.38
CIELCh	86, 0.649, 324.041
Yxy	67.4465, 0.3128, 0.3279
Android (android.graphics.Color)	4292335319 (0xFFD7D6D7)
YUV	214.4130, 0.2894, 0.5148
Hunter-Lab	82.1258, -3.8849, 4.1239

Details

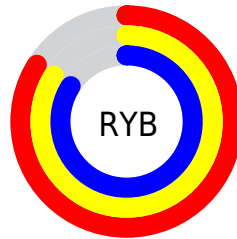
The XYZ color **64.3366, 67.4465, 73.9176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1723, 67.7540, 73.3174**, and the grayscale version is **64.1943, 67.5374, 73.5482**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2405, 34.8079, 38.2243** is the 20% darker color. If you saturate the color by 10%, you get **59.2491, 57.2739, 72.2232**, and if you desaturate by 10%, it is **70.1461, 79.0613, 75.8543**.

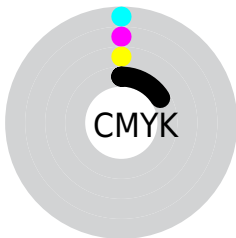
Distribution



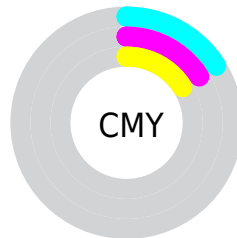
- Red (84%)
- Green (84%)
- Blue (84%)



- Red (84%)
- Yellow (84%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3366, 67.4465, 73.9176 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 64.3366, 67.4465, 73.9176 by changing the saturation by 10% instead.

■ 64.3366, 67.4465,
73.9176

■ 64.3366, 67.4465,
73.9176

429.9871,
451.5324, 493.3447

■ 47.1861, 49.4476,
54.2302

110.1666,
115.5600, 126.5120

■ 33.3913, 34.9747,
38.3913

139.5767,
146.4433, 160.2560

■ 22.5871, 23.6434,
25.9824

173.8041,
182.3902, 199.5227

■ 14.4079, 15.0693,
16.5848

213.2141,
223.7851, 244.7306

■ 8.4885, 8.8680,
9.7801

258.1720,
271.0124, 296.2982

■ 4.4635, 4.6552,
5.1497

309.0433,

■ 1.9676, 2.0464,

324.4564, 354.6441

2.2751

366.1932,
384.5017, 420.1867

■ 0.6156, 0.6342,
0.7172

■ 0.0000, 0.0000,
0.0000

■ 64.3366, 67.4465,
73.9176

■ 64.3366, 67.4465,
73.9176

■ 59.2491, 57.2739,
72.2232

■ 70.1461, 79.0613,
75.8543

■ 54.8499, 48.4790,
70.7575

■ 76.0552, 90.8760,
77.8233

■ 51.1113, 41.0051,
69.5119

■ 76.0574, 90.8771,
77.8234

■ 48.0013, 34.7885,
68.4759

■ 76.0597, 90.8783,
77.8235

45.4855, 29.7601,
67.6380

76.0620, 90.8795,
77.8236

43.5259, 25.8443,
66.9854

76.0642, 90.8807,
77.8237

42.0803, 22.9566,
66.5042

76.0665, 90.8818,
77.8239

41.1006, 21.0005,
66.1783

76.0688, 90.8830,
77.8240

40.5293, 19.8614,
65.9885

76.0711, 90.8842,
77.8241

Harmonies

Analogous

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



64.2219, 67.4465, 74.1849



64.3366, 67.4465, 73.9176



64.3895, 67.4465, 73.5225

Triad

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



64.3366, 67.4465, 73.9176



64.1354, 67.4465, 72.6298



63.8462, 67.4465, 73.7704

Complementary

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



64.3366, 67.4465, 73.9176



64.1723, 67.7540, 73.3174

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.



63.8231, 67.4465, 73.3532



64.3366, 67.4465, 73.9176



63.9900, 67.4465, 72.6957

Square

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



64.3366, 67.4465, 73.9176



64.2732, 67.4465, 72.7798



63.8757, 67.4465, 72.9600



63.9388, 67.4465, 74.0997

Rectangle

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



64.3366, 67.4465, 73.9176



64.3825, 67.4465, 73.2401



63.8757, 67.4465, 72.9600



63.8301, 67.4465, 73.6358

Sweetspot

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



64.3385, 67.4494, 73.9191

95.0500, 100.0000, 108.9000



64.0511, 67.3075, 73.9068



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.



64.3385, 67.4494, 73.9191



94.2416, 98.3836, 108.6306



64.2768, 67.4247, 73.5936



13.8915, 14.5097, 16.0060



24.0850, 11.5688, 39.4167



1.4528, 0.6978, 2.3774

Inverse Universe

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



64.2110, 67.3984, 73.2470



93.8341, 98.2207, 106.4835



64.2338, 67.7786, 73.6418



13.8355, 14.4873, 15.7108



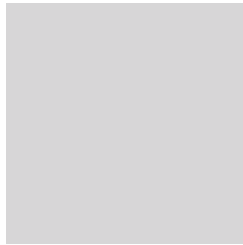
16.7623, 8.6412, 0.7862



1.0111, 0.5212, 0.0478

Previews

White Background



This preview shows how the XYZ color 64.3366, 67.4465, 73.9176 looks on a white background.

Color Contrast Check

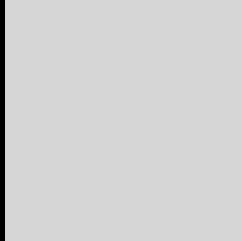
Large Text (above 18pt) WCAG AA × Fail

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 64.3366, 67.4465, 73.9176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

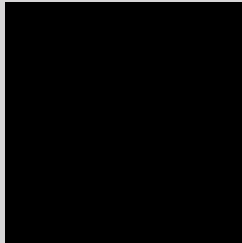
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

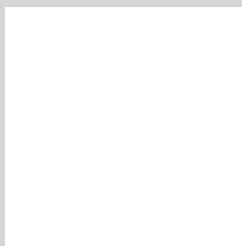
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3366, 67.4465, 73.9176

Background



This preview shows how black text looks on a background with the XYZ color 64.3366, 67.4465, 73.9176.

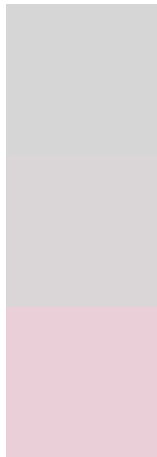


This preview shows how white text looks on a background with the XYZ color 64.3366, 67.4465,

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

64.3366, 67.4465, 73.9176

Protanopia

64.9734, 67.4002, 73.8751

Deuteranopia

68.6392, 67.0759, 74.2950



Tritanopia

66.3016, 67.4958, 83.6623

Trichromacy



Original Color

64.3366, 67.4465, 73.9176

Protanomaly

64.6753, 67.2465, 73.8611

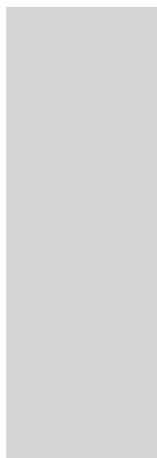
Deuteranomaly

67.1198, 67.3819, 74.4342

Tritanomaly

65.5677, 67.5692, 80.1074

Monochromacy



Original Color

64.3366, 67.4465, 73.9176

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.9157, 67.2443, 73.2291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3366, 67.4465, 73.9176 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(215, 214, 215) looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 215)  
}
```

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(215, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 215) }
```

Border

The CSS property to change the border of an element to XYZ 64.3366, 67.4465, 73.9176 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(215, 214, 215) }
```

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

```
.border{ border-color:rgb(215, 214, 215) }
```

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

Here you see how a box with a 4 pixel rgb(215, 214, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
215) }
```


Background

The CSS property to change the background color of an element to XYZ 64.3366, 67.4465, 73.9176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 215) }
```

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

```
.background{ background-color: rgb(215,  
214, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor