

Converting Colors

XYZ(64.5895, 67.5531, 76.6569)

Have a look what the booklet for
XYZ(64.5895, 67.5531, 76.6569)
contains.

XYZ(64.5643, 67.5037, 76.6445)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.5643, 67.5037,
76.6445)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D6DB
RGB	214, 214, 219
RGB Percent	84%, 84%, 86%
CMY	0.1608, 0.1608, 0.1412
CMYK	0.02, 0.02, 0.00, 0.14
HSL	240°, 6%, 85%
HSV	240°, 2%, 86%
XYZ	64.5643, 67.5037, 76.6445
YIQ	214.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

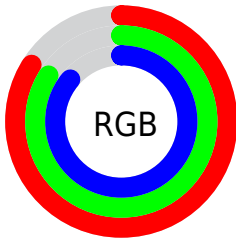
Format	Color
R _Y B	214, 214, 219
Decimal	14079707
CIE Lab	85.76, 0.92, -2.47
CIE LCh	86, 2.633, 290.427
Yxy	67.5037, 0.3093, 0.3234
Android (android.graphics.Color)	4292269787 (0xFFD6D6DB)
YUV	214.5700, 2.1840, -0.4999
Hunter-Lab	82.1606, -3.5104, 2.2031

Details

The XYZ color **64.5643, 67.5037, 76.6445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6827, 70.5775, 73.7277**, and the grayscale version is **64.2888, 67.6368, 73.6565**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3971, 34.8475, 40.0880** is the 20% darker color. If you saturate the color by 10%, you get **53.4262, 54.0861, 74.6427**, and if you desaturate by 10%, it is **77.3097, 82.8583, 78.9375**.

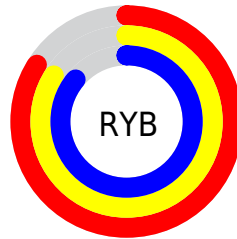
Distribution



Red (84%)

Green (84%)

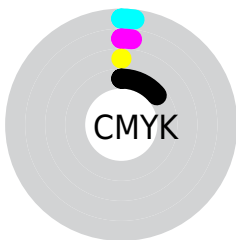
Blue (86%)



Red (84%)

Yellow (84%)

Blue (86%)

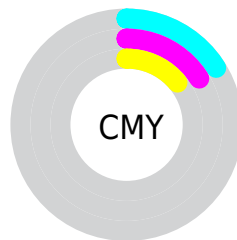


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (14%)



Cyan (16%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5643, 67.5037, 76.6445 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 64.5643, 67.5037, 76.6445 by changing the saturation by 10% instead.

■ 64.5643, 67.5037,
76.6445

■ 64.5643, 67.5037,
76.6445

430.7946,
451.7356, 502.9565

■ 47.3713, 49.4941,
56.4513

110.4924,
115.6419, 130.4060

■ 33.5384, 35.0116,
40.1585

139.9582,
146.5392, 164.8113

■ 22.7004, 23.6718,
27.3474

174.2456,
182.5012, 204.7912

■ 14.4919, 15.0903,
17.5996

213.7200,
223.9123, 250.7640

■ 8.5476, 8.8828,
10.4964

258.7468,
271.1569, 303.1485

■ 4.5020, 4.6648,
5.6194

309.6912,

■ 1.9899, 2.0520,

324.6194, 362.3630

2.5501

366.9187,
384.6842, 428.8262

■ 0.6283, 0.6374,
0.8665

■ 0.0000, 0.0000,
0.0000

■ 64.5643, 67.5037,
76.6445

■ 64.5643, 67.5037,
76.6445

■ 53.4262, 54.0861,
74.6427

■ 77.3097, 82.8583,
78.9375

■ 43.8262, 42.5205,
72.9163

■ 89.7864, 97.8946,
81.1822

■ 35.6984, 32.7281,
71.4545

■ 28.9701, 24.6213,
70.2444

■ 23.5624, 18.1052,
69.2717

■ 19.3884, 13.0751,
68.5208

■ 16.3510, 9.4142,
67.9742

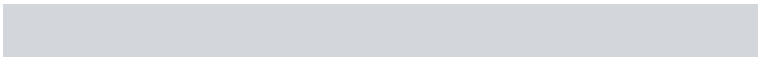
■ 14.3385, 6.9880,
67.6120

■ 13.2168, 5.6349,
67.4099

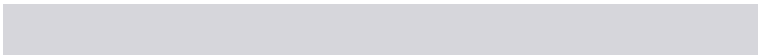
Harmonies

Analogous

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



63.9683, 67.5037, 76.8112



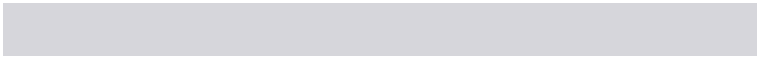
64.5643, 67.5037, 76.6445



65.0549, 67.5037, 75.6281

Triad

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



64.5643, 67.5037, 76.6445



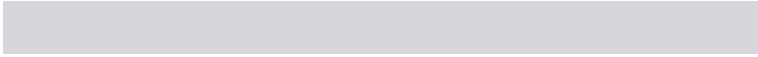
64.8991, 67.5037, 70.9791



63.0278, 67.5037, 72.9512

Complementary

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



64.5643, 67.5037, 76.6445



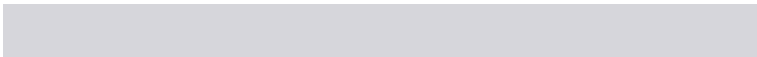
66.6827, 70.5775, 73.7277

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.



63.2738, 67.5037, 71.4123



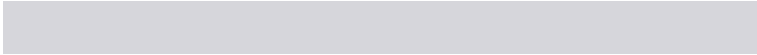
64.5643, 67.5037, 76.6445



64.3526, 67.5037, 70.2855

Square

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



64.5643, 67.5037, 76.6445



65.2490, 67.5037, 72.3513



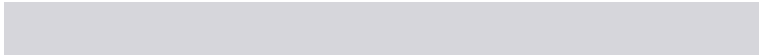
63.7579, 67.5037, 70.4428



63.0837, 67.5037, 74.6609

Rectangle

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



64.5643, 67.5037, 76.6445



65.2550, 67.5037, 74.6141



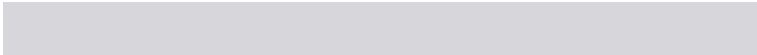
63.7579, 67.5037, 70.4428



63.0778, 67.5037, 72.3972

Sweetspot

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



64.5662, 67.5066, 76.6460



93.3105, 97.9044, 108.5872



65.8394, 70.0704, 77.0162



19.9906, 20.9777, 23.2454



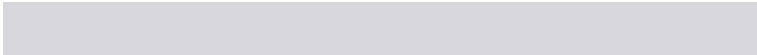
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



64.5662, 67.5066, 76.6460



89.9008, 93.7968, 107.9741



65.2760, 67.8712, 76.6789



13.7310, 14.2951, 16.6877



7.5829, 3.0352, 39.9246



0.4915, 0.1971, 2.5866

Inverse Universe

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



65.3991, 68.0095, 73.3019



91.4513, 94.7332, 101.7487



65.9618, 70.2071, 73.6942



14.0290, 14.4750, 15.4912



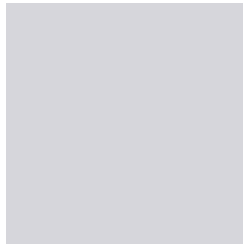
17.3228, 8.9302, 0.8141



1.1224, 0.5786, 0.0534

Previews

White Background



This preview shows how the XYZ color 64.5643, 67.5037, 76.6445 looks on a white background.

Color Contrast Check

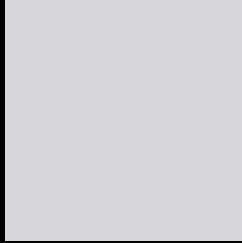
Large Text (above 18pt) WCAG AA × Fail

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 64.5643, 67.5037, 76.6445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

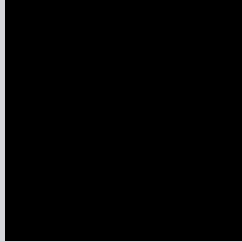
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

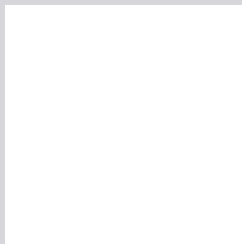
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5643, 67.5037, 76.6445

Background



This preview shows how black text looks on a background with the XYZ color 64.5643, 67.5037, 76.6445.

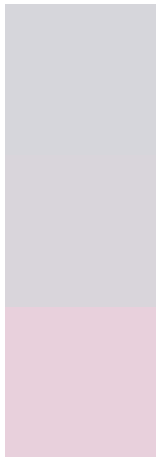


This preview shows how white text looks on a background with the XYZ color 64.5643, 67.5037,

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

64.5643, 67.5037, 76.6445

Protanopia

65.1957, 67.4547, 76.6017

Deuteranopia

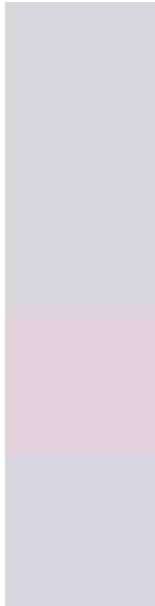
68.7529, 67.4349, 77.1027



Tritanopia

66.0052, 67.3430, 83.6484

Trichromacy



Original Color

64.5643, 67.5037, 76.6445

Protanomaly

64.8993, 67.3019, 76.5878

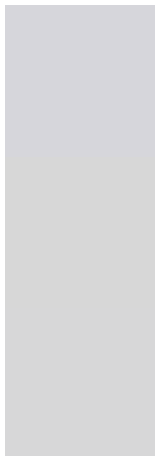
Deuteranomaly

67.0162, 67.2680, 77.1620

Tritanomaly

65.4092, 67.4718, 80.8101

Monochromacy



Original Color

64.5643, 67.5037, 76.6445

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7194, 68.0058, 74.6811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5643, 67.5037, 76.6445 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(214, 214, 219) looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 219)  
}
```

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(214, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 219) }
```

Border

The CSS property to change the border of an element to XYZ 64.5643, 67.5037, 76.6445 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(214, 214, 219) }
```


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

```
.border{ border-color:rgb(214, 214, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5643, 67.5037, 76.6445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 219) }
```

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

```
.background{ background-color: rgb(214,  
214, 219) }
```

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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