

Converting Colors

XYZ(64.0451, 68.3900, 76.1515)

Have a look what the booklet for
XYZ(64.0451, 68.3900, 76.1515)
contains.

XYZ(64.0461, 68.3893, 76.1545)	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(64.0461, 68.3893,
76.1545)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D9DA
RGB	210, 217, 218
RGB Percent	82%, 85%, 85%
CMY	0.1765, 0.1490, 0.1451
CMYK	0.04, 0.00, 0.00, 0.15
HSL	187°, 10%, 84%
HSV	187°, 4%, 85%
XYZ	64.0461, 68.3893, 76.1545
YIQ	215.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

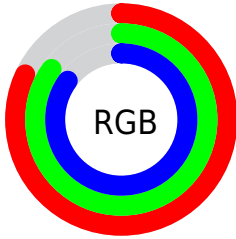
Format	Color
RYB	210, 214, 218
Decimal	13818330
CIELab	86.20, -2.17, -1.32
CIELCh	86, 2.542, 211.374
Yxy	68.3893, 0.3070, 0.3279
Android (android.graphics.Color)	4292008410 (0xFFD2D9DA)
YUV	215.0210, 1.4686, -4.4034
Hunter-Lab	82.6978, -6.4802, 3.2897

Details

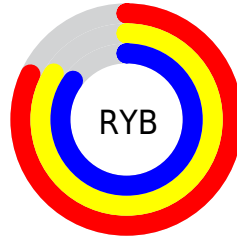
The XYZ color **64.0461, 68.3893, 76.1545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8408, 66.1465, 70.3766**, and the grayscale version is **64.5997, 67.9640, 74.0127**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2415, 35.5529, 39.7607** is the 20% darker color. If you saturate the color by 10%, you get **57.5637, 64.0189, 75.6536**, and if you desaturate by 10%, it is **71.3894, 73.2245, 76.7018**.

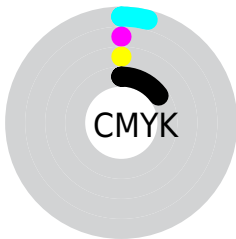
Distribution



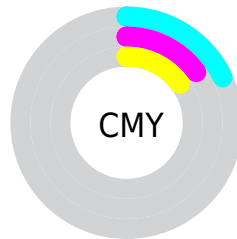
- Red (82%)
- Green (85%)
- Blue (85%)



- Red (82%)
- Yellow (84%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0461, 68.3893, 76.1545 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 64.0461, 68.3893, 76.1545 by changing the saturation by 10% instead.

■ 64.0461, 68.3893,
76.1545

■ 64.0461, 68.3893,
76.1545

428.9557,
454.8741, 501.2373

■ 46.9498, 50.2145,
56.0518

109.7507,
116.9089, 129.7074

■ 33.2038, 35.5839,
39.8402

139.0897,
148.0225, 163.9946

■ 22.4426, 24.1130,
27.1011

173.2404,
184.2178, 203.8471

■ 14.3009, 15.4175,
17.4161

212.5680,
225.8792, 249.6834

■ 8.4133, 9.1129,
10.3665

257.4380,
273.3912, 301.9220

■ 4.4146, 4.8149,
5.5339

308.2158,

■ 1.9392, 2.1391,

327.1381, 360.9815

2.4996

365.2665,
387.5042, 427.2804

■ 0.5995, 0.6865,
0.8399

■ 0.0000, 0.0000,
0.0000

■ 64.0461, 68.3893,
76.1545

■ 64.0461, 68.3893,
76.1545

■ 57.5637, 64.0189,
75.6536

■ 71.3894, 73.2245,
76.7018

■ 51.9024, 60.0868,
75.1930

■ 79.6198, 78.5322,
77.2925

■ 47.0278, 56.5773,
74.7726

■ 80.8612, 80.2543,
77.5595

■ 42.9009, 53.4700,
74.3903

■ 81.6018, 81.7355,
77.8063

■ 39.4791, 50.7431,
74.0443

■ 82.3542, 83.2402,
78.0571

■ 36.7159, 48.3723,
73.7323

■ 83.1183, 84.7685,
78.3118

■ 34.5588, 46.3305,
73.4519

■ 83.8943, 86.3204,
78.5705

■ 32.9470, 44.5865,
73.2002

■ 84.6821, 87.8961,
78.8331

■ 31.8073, 43.1022,
72.9738

■ 85.4819, 89.4957,
79.0997

Harmonies

Analogous

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



63.8837, 68.3893, 74.5416



64.0461, 68.3893, 76.1545



64.4644, 68.3893, 77.3286

Triad

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



64.0461, 68.3893, 76.1545



65.9946, 68.3893, 76.0188



64.9750, 68.3893, 71.2893

Complementary

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



64.0461, 68.3893, 76.1545



63.8408, 66.1465, 70.3766

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.



65.5425, 68.3893, 71.6716



64.0461, 68.3893, 76.1545



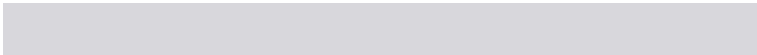
66.1333, 68.3893, 74.3871

Square

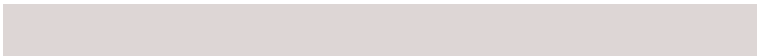
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.0461, 68.3893, 76.1545



65.5895, 68.3893, 77.2494



65.9673, 68.3893, 72.7993



64.4180, 68.3893, 71.7470

Rectangle

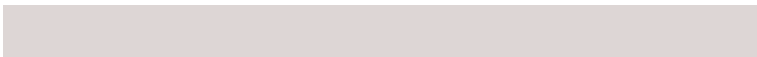
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.0461, 68.3893, 76.1545



64.8334, 68.3893, 77.6957



65.9673, 68.3893, 72.7993



65.1709, 68.3893, 71.3238

Sweetspot

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



64.0480, 68.3922, 76.1560



94.0168, 99.3171, 108.8226



63.4003, 68.5453, 71.4743



20.1344, 21.2651, 23.2933



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

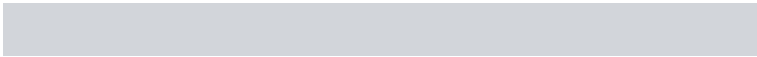
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0480, 68.3922, 76.1560



90.9925, 97.3086, 108.5944



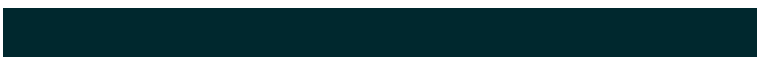
63.0453, 66.3868, 75.8218



13.9890, 15.0015, 16.8104



18.7776, 25.4247, 43.6562



1.2561, 1.7264, 2.8415

Inverse Universe

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



64.4859, 66.0097, 74.9914



91.6780, 93.5823, 106.7702



64.8308, 68.1266, 70.7067



14.1127, 14.3304, 16.4809



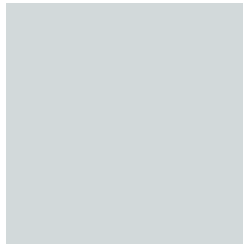
22.9734, 11.1904, 30.5697



1.5083, 0.7330, 2.0858

Previews

White Background



This preview shows how the XYZ color 64.0461, 68.3893, 76.1545 looks on a white background.

Color Contrast Check

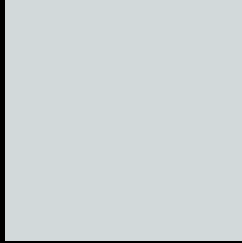
Large Text (above 18pt) WCAG AA × Fail

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 64.0461, 68.3893, 76.1545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

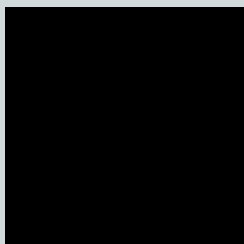
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

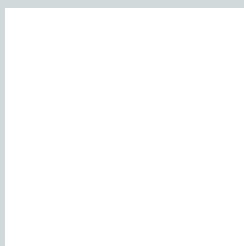
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0461, 68.3893, 76.1545

Background



This preview shows how black text looks on a background with the XYZ color 64.0461, 68.3893, 76.1545.

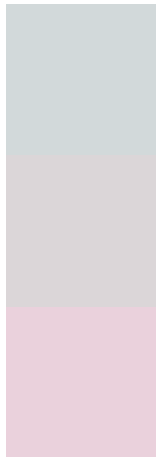


This preview shows how white text looks on a background with the XYZ color 64.0461, 68.3893,

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

64.0461, 68.3893, 76.1545

Protanopia

65.6547, 68.1111, 74.6521

Deuteranopia

69.6504, 68.2607, 77.2148



Tritanopia

66.0173, 68.4241, 86.0716

Trichromacy



Original Color

64.0461, 68.3893, 76.1545

Protanomaly

65.1437, 68.2096, 75.3780

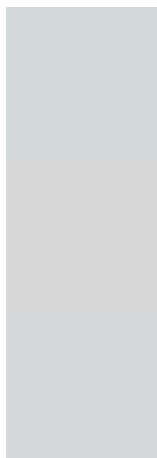
Deuteranomaly

67.3810, 68.2090, 76.6321

Tritanomaly

65.2850, 68.5067, 82.4553

Monochromacy



Original Color

64.0461, 68.3893, 76.1545

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.3911, 68.2157, 74.7389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0461, 68.3893, 76.1545 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(210, 217, 218) looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 218)  
}
```

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(210, 217, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 218) }
```

Border

The CSS property to change the border of an element to XYZ 64.0461, 68.3893, 76.1545 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(210, 217, 218) }
```


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

```
.border{ border-color:rgb(210, 217, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 217, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 218);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0461, 68.3893, 76.1545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 217, 218) }
```

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

```
.background{ background-color: rgb(210,  
217, 218) }
```

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