

Converting Colors

XYZ(64.1803, 67.3140, 76.1470)

Have a look what the booklet for
XYZ(64.1803, 67.3140, 76.1470)
contains.

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Color

**XYZ(64.1420, 67.3012,
75.9395)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D6DA
RGB	213, 214, 218
RGB Percent	84%, 84%, 85%
CMY	0.1647, 0.1608, 0.1451
CMYK	0.02, 0.02, 0.00, 0.15
HSL	228°, 6%, 85%
HSV	228°, 2%, 85%
XYZ	64.1420, 67.3012, 75.9395
YIQ	214.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

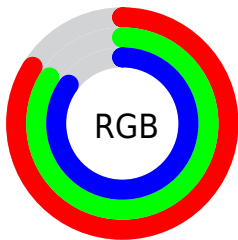
Format	Color
R _Y B	213, 214, 218
Decimal	14014170
CIE Lab	85.66, 0.40, -2.10
CIE LCh	86, 2.133, 280.740
Yxy	67.3012, 0.3093, 0.3245
Android (android.graphics.Color)	4292204250 (0xFFD5D6DA)
YUV	214.1570, 1.8946, -1.0147
Hunter-Lab	82.0373, -4.0026, 2.5431

Details

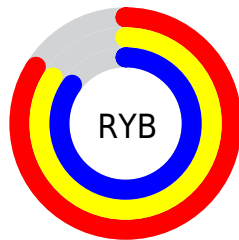
The XYZ color **64.1420, 67.3012, 75.9395** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7366, 69.3345, 72.8699**, and the grayscale version is **64.0124, 67.3460, 73.3398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1095, 34.7097, 39.6049** is the 20% darker color. If you saturate the color by 10%, you get **54.0628, 55.9069, 74.2724**, and if you desaturate by 10%, it is **75.5468, 80.0830, 77.8065**.

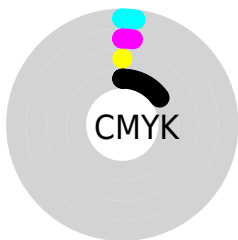
Distribution



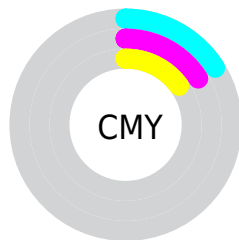
- Red (84%)
- Green (84%)
- Blue (85%)



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



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1420, 67.3012, 75.9395 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 64.1420, 67.3012, 75.9395 by changing the saturation by 10% instead.

■ 64.1420, 67.3012,
75.9395

■ 64.1420, 67.3012,
75.9395

429.2963,
451.0161, 500.4819

■ 47.0278, 49.3294,
55.8765

109.8880,
115.3519, 129.4007

■ 33.2657, 34.8809,
39.7006

139.2505,
146.1996, 163.6360

■ 22.4903, 23.5711,
26.9932

173.4265,
182.1081, 203.4325

■ 14.3362, 15.0158,
17.3357

212.7814,
223.4618, 249.2087

■ 8.4381, 8.8305,
10.3097

257.6804,
270.6450, 301.3833

■ 4.4307, 4.6308,
5.4965

308.4890,

■ 1.9486, 2.0323,

324.0423, 360.3746

2.4776

365.5726,
384.0378, 426.6013

■ 0.6048, 0.6261,
0.8283

■ 0.0000, 0.0000,
0.0000

■ 64.1420, 67.3012,
75.9395

■ 64.1420, 67.3012,
75.9395

■ 54.0628, 55.9069,
74.2724

■ 75.5468, 80.0830,
77.8065

■ 45.2549, 45.8444,
72.7944

■ 87.7256, 93.9830,
79.8476

■ 37.6689, 37.0671,
71.5000

■ 89.6551, 97.8420,
80.4908

■ 31.2498, 29.5224,
70.3821

■ 25.9384, 23.1537,
69.4327

■ 21.6700, 17.9003,
68.6437

■ 18.3730, 13.6955,
68.0059

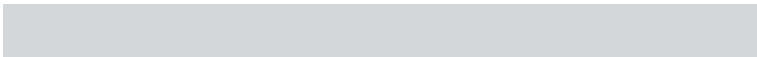
■ 15.9664, 10.4650,
67.5092

■ 14.3550, 8.1240,
67.1422

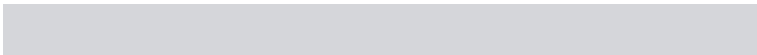
Harmonies

Analogous

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



63.6601, 67.3012, 75.8342



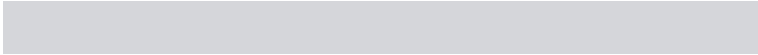
64.1420, 67.3012, 75.9395



64.5793, 67.3012, 75.3253

Triad

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



64.1420, 67.3012, 75.9395



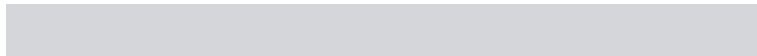
64.6781, 67.3012, 71.5475



63.0900, 67.3012, 72.4006

Complementary

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



64.1420, 67.3012, 75.9395



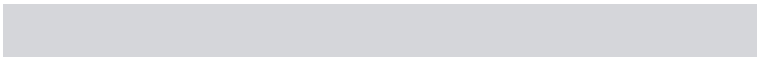
65.7366, 69.3345, 72.8699

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.



63.3601, 67.3012, 71.2712



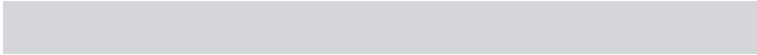
64.1420, 67.3012, 75.9395



64.2764, 67.3012, 70.7830

Square

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



64.1420, 67.3012, 75.9395



64.8899, 67.3012, 72.7822



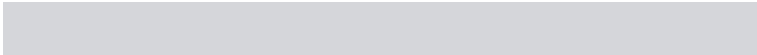
63.7939, 67.3012, 70.6825



63.0544, 67.3012, 73.7792

Rectangle

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



64.1420, 67.3012, 75.9395



64.7862, 67.3012, 74.5950



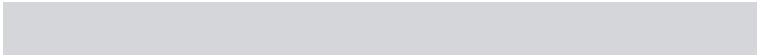
63.7939, 67.3012, 70.6825



63.1563, 67.3012, 71.9797

Sweetspot

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



64.1439, 67.3041, 75.9410



93.4713, 98.2260, 108.6408



65.0265, 69.2955, 75.5380



20.0233, 21.0431, 23.2563



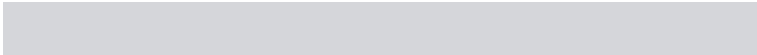
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

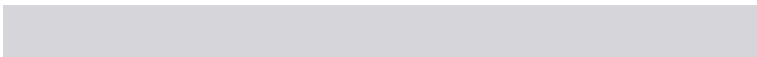
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.1439, 67.3041, 75.9410



90.3716, 94.7385, 108.1310



64.3035, 67.0104, 75.8759



13.8211, 14.4753, 16.7177



8.1769, 4.2233, 40.1226



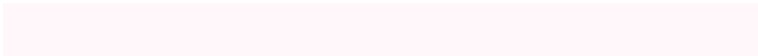
0.5912, 0.3965, 2.6198

Inverse Universe

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



64.8468, 67.3502, 73.2038



91.6889, 94.8282, 103.0001



65.5742, 69.6360, 72.9367



14.0745, 14.4932, 15.7307



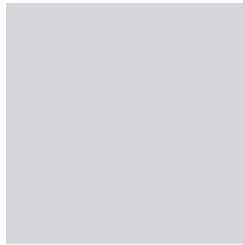
17.6227, 9.0501, 2.3930



1.1727, 0.5987, 0.3183

Previews

White Background



This preview shows how the XYZ color 64.1420, 67.3012, 75.9395 looks on a white background.

Color Contrast Check

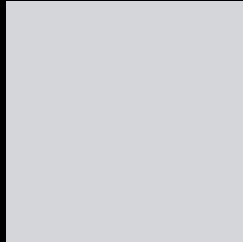
Large Text (above 18pt) WCAG AA × Fail

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 64.1420, 67.3012, 75.9395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

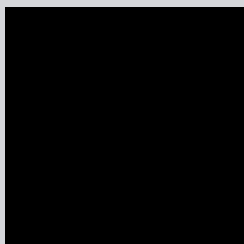
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

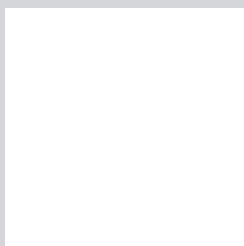
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1420, 67.3012, 75.9395

Background



This preview shows how black text looks on a background with the XYZ color 64.1420, 67.3012, 75.9395.

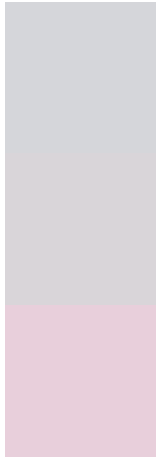


This preview shows how white text looks on a background with the XYZ color 64.1420, 67.3012, 75.9395.

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

64.1420, 67.3012, 75.9395

Protanopia

64.9339, 67.3500, 75.2231

Deuteranopia

68.3777, 66.8959, 76.3261



Tritanopia

65.7107, 67.1912, 83.6346

Trichromacy



Original Color

64.1420, 67.3012, 75.9395

Protanomaly

64.6375, 67.1972, 75.2092

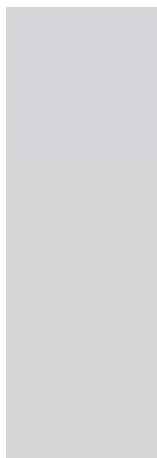
Deuteranomaly

66.8841, 67.2152, 76.4665

Tritanomaly

65.1164, 67.3209, 80.7964

Monochromacy



Original Color

64.1420, 67.3012, 75.9395

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.0439, 67.2956, 73.9038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1420, 67.3012, 75.9395 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(213, 214, 218) looks like.

```
.text, #text, p{  
    color:rgb(213, 214, 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(213, 214, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 214, 218) }
```

Border

The CSS property to change the border of an element to XYZ 64.1420, 67.3012, 75.9395 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(213, 214, 218) }
```


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

```
.border{ border-color:rgb(213, 214, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 214, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 214, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 214, 218);  
box-shadow:4px 4px 4px 4px rgb(213, 214,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1420, 67.3012, 75.9395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 214, 218) }
```

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

```
.background{ background-color: rgb(213,  
214, 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](#).

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