

Converting Colors

XYZ(60.8029, 62.4809, 67.3563)

Have a look what the booklet for
XYZ(60.8029, 62.4809, 67.3563)
contains.

XYZ(60.7035, 62.4150, 67.2404)	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(60.7035, 62.4150,
67.2404)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CDCE
RGB	214, 205, 206
RGB Percent	84%, 80%, 81%
CMY	0.1608, 0.1961, 0.1922
CMYK	0.00, 0.04, 0.04, 0.16
HSL	353°, 10%, 82%
HSV	353°, 4%, 84%
XYZ	60.7035, 62.4150, 67.2404
YIQ	207.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

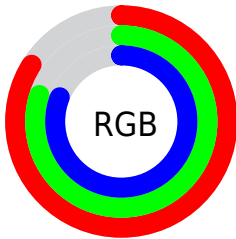
Format	Color
R _Y B	214, 205, 206
Decimal	14077390
CIE Lab	83.13, 3.29, 0.60
CIE LCh	83, 3.343, 10.424
Yxy	62.4150, 0.3189, 0.3279
Android (android.graphics.Color)	4292267470 (0xFFD6CDCE)
YUV	207.8050, -0.8899, 5.4330
Hunter-Lab	79.0032, -1.1019, 4.8399

Details

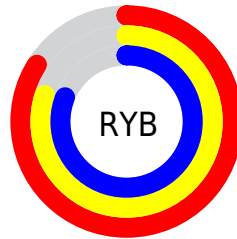
The XYZ color **60.7035, 62.4150, 67.2404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2360, 65.8781, 72.4424**, and the grayscale version is **59.8327, 62.9487, 68.5511**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0322, 31.7711, 34.2026** is the 20% darker color. If you saturate the color by 10%, you get **53.7571, 52.0000, 54.2014**, and if you desaturate by 10%, it is **68.6335, 74.3476, 81.9898**.

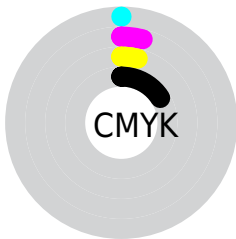
Distribution



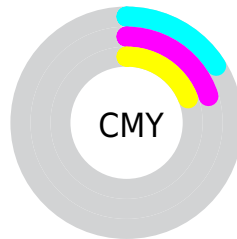
- Red (84%)
- Green (80%)
- Blue (81%)



- Red (84%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7035, 62.4150, 67.2404 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 60.7035, 62.4150, 67.2404 by changing the saturation by 10% instead.

■ 60.7035, 62.4150,
67.2404

■ 60.7035, 62.4150,
67.2404

416.9793,
433.4433, 469.3248

■ 44.2376, 45.3681,
48.8172

104.9501,
108.3251, 116.9087

■ 31.0560, 31.7475,
34.1099

133.4614,
137.9571, 148.9909

■ 20.7935, 21.1687,
22.7000

166.7185,
172.5529, 186.4632

■ 13.0848, 13.2474,
14.1689

205.0869,
212.4970, 229.7441

■ 7.5644, 7.5991,
8.0982

248.9318,
258.1736, 279.2522

■ 3.8669, 3.8395,
4.0692

298.6186,

■ 1.6271, 1.5842,

309.9673, 335.4060

1.6634

354.5127,
368.2624, 398.6240

■ 0.4100, 0.3469,
0.3354

■ 0.0000, 0.0000,
0.0000

■ 60.7035, 62.4150,
67.2404

■ 60.7035, 62.4150,
67.2404

■ 53.7571, 52.0000,
54.2014

■ 68.6335, 74.3476,
81.9898

■ 47.7509, 43.0342,
42.8070

■ 77.5780, 87.8469,
98.5041

■ 42.6458, 35.4556,
32.9928

■ 81.5420, 93.0364,
108.2678

■ 38.3984, 29.1950,
24.6889

■ 34.9612, 24.1770,
17.8202

■ 32.2822, 20.3185,
12.3048

■ 30.3036, 17.5264,
8.0530

■ 28.9587, 15.6933,
4.9636

■ 28.1678, 14.6890,
2.9200

Harmonies

Analogous

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



60.6451, 62.4150, 69.3041



60.7035, 62.4150, 67.2404



60.3898, 62.4150, 65.4063

Triad

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



60.7035, 62.4150, 67.2404



58.4253, 62.4150, 64.9687



58.8583, 62.4150, 71.7860

Complementary

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



60.7035, 62.4150, 67.2404



61.2360, 65.8781, 72.4424

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.



58.2700, 62.4150, 70.5779



60.7035, 62.4150, 67.2404



58.0214, 62.4150, 66.6320

Square

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



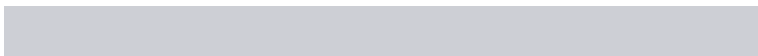
60.7035, 62.4150, 67.2404



59.0720, 62.4150, 64.1126



57.9647, 62.4150, 68.6834



59.5759, 62.4150, 71.9570

Rectangle

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



60.7035, 62.4150, 67.2404



60.0135, 62.4150, 64.5500



57.9647, 62.4150, 68.6834



58.6390, 62.4150, 71.4866

Sweetspot

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



60.7053, 62.4177, 67.2417



93.8789, 98.2386, 106.7192



61.3969, 62.6591, 72.4778



20.1063, 21.0457, 22.8653



0.0000, 0.0000, 0.0000



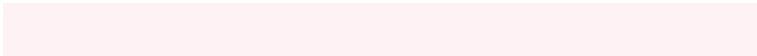
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7053, 62.4177, 67.2417



89.3445, 91.4243, 98.2569



61.4187, 64.0377, 66.8842



13.0654, 13.3233, 14.2943



16.8788, 8.6878, 1.4000



1.0373, 0.5317, 0.1858

Inverse Universe

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



60.7053, 62.4177, 67.2417



89.3445, 91.4243, 98.2569



60.4993, 64.2016, 72.8228



13.0654, 13.3233, 14.2943



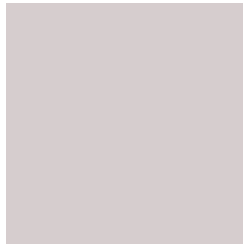
16.8788, 8.6878, 1.4000



1.0373, 0.5317, 0.1858

Previews

White Background



This preview shows how the XYZ color 60.7035, 62.4150, 67.2404 looks on a white background.

Color Contrast Check

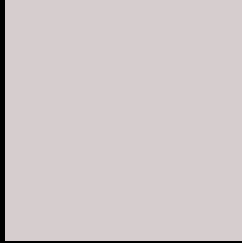
Large Text (above 18pt) WCAG AA × Fail

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 60.7035, 62.4150, 67.2404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

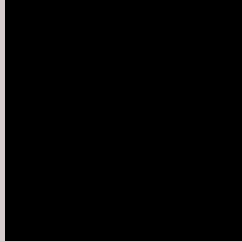
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

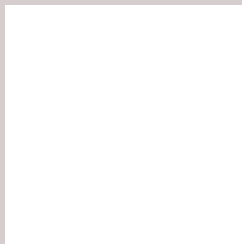
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7035, 62.4150, 67.2404

Background



This preview shows how black text looks on a background with the XYZ color 60.7035, 62.4150, 67.2404.

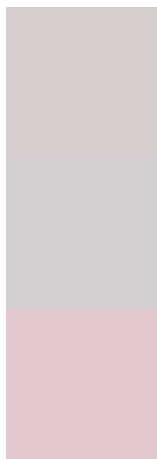


This preview shows how white text looks on a background with the XYZ color 60.7035, 62.4150,

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

60.7035, 62.4150, 67.2404

Protanopia

60.1978, 62.4965, 67.9218

Deuteranopia

63.5953, 62.1444, 67.6747



Tritanopia

62.4610, 62.4253, 75.7751

Trichromacy



Original Color

60.7035, 62.4150, 67.2404

Protanomaly

60.4852, 62.6447, 67.9352

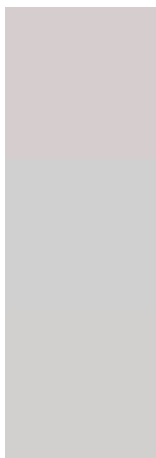
Deuteranomaly

62.5072, 62.2756, 67.7574

Tritanomaly

61.7548, 62.4878, 72.4249

Monochromacy



Original Color

60.7035, 62.4150, 67.2404

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.1537, 62.8323, 67.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7035, 62.4150, 67.2404 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, 205, 206) looks like.

```
.text, #text, p{  
    color:rgb(214, 205, 206)  
}
```

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, 205, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 205, 206) }
```

Border

The CSS property to change the border of an element to XYZ 60.7035, 62.4150, 67.2404 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, 205, 206) }
```


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

```
.border{ border-color:rgb(214, 205, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 205, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 205, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 205, 206);  
box-shadow:4px 4px 4px 4px rgb(214, 205,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7035, 62.4150, 67.2404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 205, 206) }
```

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

```
.background{ background-color: rgb(214,  
205, 206) }
```

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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