

Converting Colors

XYZ(60.5631, 63.7634, 65.5111)

Have a look what the booklet for
XYZ(60.5631, 63.7634, 65.5111)
contains.

XYZ(60.7313, 63.9098, 65.6348)	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(60.7313, 63.9098,
65.6348)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D1CB
RGB	212, 209, 203
RGB Percent	83%, 82%, 80%
CMY	0.1686, 0.1804, 0.2039
CMYK	0.00, 0.01, 0.04, 0.17
HSL	40°, 9%, 81%
HSV	40°, 4%, 83%
XYZ	60.7313, 63.9098, 65.6348
YIQ	209.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

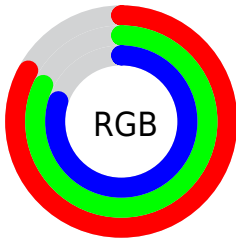
Format	Color
R _Y B	208, 212, 203
Decimal	13947339
CIE Lab	83.92, -0.03, 3.33
CIE LCh	84, 3.325, 90.531
Yxy	63.9098, 0.3192, 0.3359
Android (android.graphics.Color)	4292137419 (0xFFD4D1CB)
YUV	209.2130, -3.0630, 2.4442
Hunter-Lab	79.9436, -4.2990, 7.2826

Details

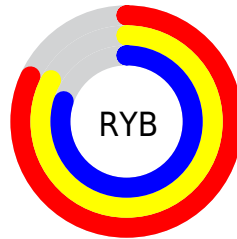
The XYZ color **60.7313, 63.9098, 65.6348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5834, 61.5915, 71.0887**, and the grayscale version is **60.7625, 63.9269, 69.6164**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0508, 32.7807, 33.1245** is the 20% darker color. If you saturate the color by 10%, you get **56.6830, 59.5831, 52.6616**, and if you desaturate by 10%, it is **65.2054, 68.5336, 80.4560**.

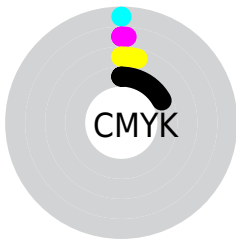
Distribution



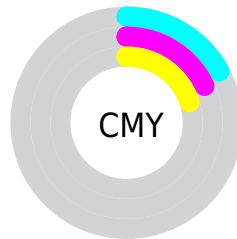
- Red (83%)
- Green (82%)
- Blue (80%)



- Red (82%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7313, 63.9098, 65.6348 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 60.7313, 63.9098, 65.6348 by changing the saturation by 10% instead.

■ 60.7313, 63.9098,
65.6348

■ 60.7313, 63.9098,
65.6348

417.0798,
438.8638, 463.4382

■ 44.2601, 46.5776,
47.5214

104.9901,
110.4810, 114.5840

■ 31.0738, 32.7019,
33.0907

133.5084,
140.4889, 146.2569

■ 20.8072, 21.8982,
21.9243

166.7731,
175.4907, 183.2867

■ 13.0948, 13.7821,
13.6035

205.1495,
215.8709, 226.0919

■ 7.5713, 7.9693,
7.7098

249.0030,
262.0140, 275.0912

■ 3.8714, 4.0753,
3.8247

298.6990,

■ 1.6296, 1.7158,

314.3042, 330.7029

1.5297

354.6028,
373.1260, 393.3457

■ 0.4116, 0.4338,
0.2399

■ 0.0000, 0.0000,
0.0000

■ 60.7313, 63.9098,
65.6348

■ 60.7313, 63.9098,
65.6348

■ 56.6830, 59.5831,
52.6616

■ 65.2054, 68.5336,
80.4560

■ 53.0403, 55.5378,
41.4585

■ 70.1141, 73.4535,
97.1905

■ 49.7890, 51.7686,
31.9482

■ 73.5476, 77.9091,
105.7693

■ 46.9122, 48.2671,
24.0462

■ 75.5535, 81.9208,
106.4380

■ 44.3914, 45.0243,
17.6604

■ 77.6398, 86.0935,
107.1334

■ 42.2063, 42.0303,
12.6894

■ 79.8075, 90.4289,
107.8560

■ 40.3343, 39.2744,
9.0193

■ 80.9617, 92.7372,
108.2407

■ 38.7494, 36.7443,
6.5185

■ 37.4200, 34.4257,
5.0269

Harmonies

Analogous

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



61.4392, 63.9098, 66.1373



60.7313, 63.9098, 65.6348



60.0324, 63.9098, 66.1734

Triad

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



60.7313, 63.9098, 65.6348



59.5405, 63.9098, 71.6541



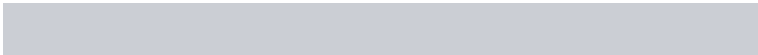
61.9776, 63.9098, 71.5881

Complementary

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



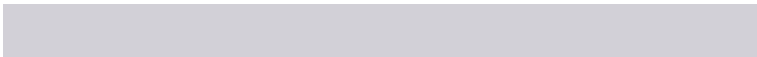
60.7313, 63.9098, 65.6348



58.5834, 61.5915, 71.0887

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.



61.4619, 63.9098, 73.1158



60.7313, 63.9098, 65.6348



60.0548, 63.9098, 73.1544

Square

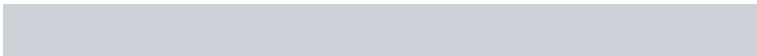
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



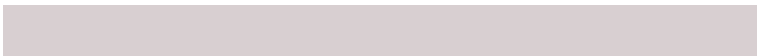
60.7313, 63.9098, 65.6348



59.3482, 63.9098, 69.6243



60.7574, 63.9098, 73.6946



62.1622, 63.9098, 69.5495

Rectangle

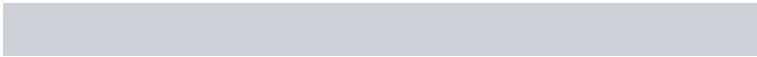
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.7313, 63.9098, 65.6348



59.6646, 63.9098, 67.0568



60.7574, 63.9098, 73.6946



61.8370, 63.9098, 72.1799

Sweetspot

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



60.7331, 63.9126, 65.6362



94.3719, 99.2964, 106.6620



59.6487, 61.1660, 67.0557



20.2066, 21.2610, 22.8536



0.0000, 0.0000, 0.0000



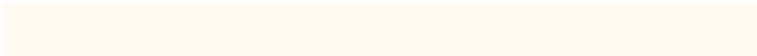
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7331, 63.9126, 65.6362



91.7255, 96.5277, 97.9987



61.0446, 65.1746, 65.8634



13.4560, 14.1604, 14.2524



22.7767, 20.6707, 2.7894



1.4484, 1.3960, 0.1931

Inverse Universe

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



58.5834, 61.5915, 71.0887



87.8601, 92.3541, 107.8031



58.2796, 60.3744, 70.8698



12.8212, 13.4749, 15.8627



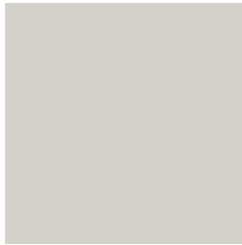
8.7932, 5.8482, 39.1185



0.6054, 0.5028, 2.3844

Previews

White Background



This preview shows how the XYZ color 60.7313, 63.9098, 65.6348 looks on a white background.

Color Contrast Check

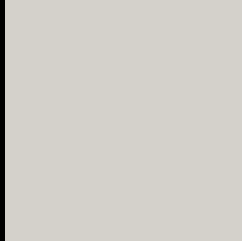
Large Text (above 18pt) WCAG AA × Fail

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 60.7313, 63.9098, 65.6348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

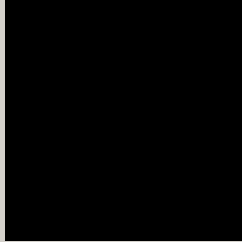
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

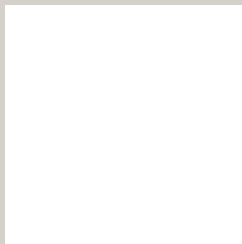
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7313, 63.9098, 65.6348

Background



This preview shows how black text looks on a background with the XYZ color 60.7313, 63.9098, 65.6348.

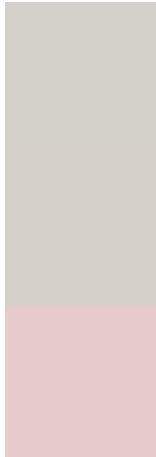


This preview shows how white text looks on a background with the XYZ color 60.7313, 63.9098,

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

60.7313, 63.9098, 65.6348

Protanopia

61.0669, 63.7197, 65.5805

Deuteranopia

64.9746, 63.5896, 65.9762



Tritanopia

63.2805, 63.8636, 78.0989

Trichromacy



Original Color

60.7313, 63.9098, 65.6348

Protanomaly

60.7759, 63.5697, 65.5669

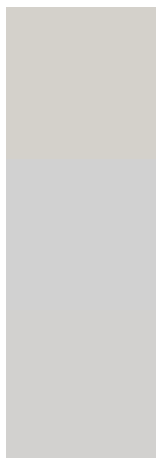
Deuteranomaly

63.4709, 63.8696, 66.1095

Tritanomaly

62.3101, 63.8281, 73.3259

Monochromacy



Original Color

60.7313, 63.9098, 65.6348

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.6413, 63.8076, 68.1514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7313, 63.9098, 65.6348 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(212, 209, 203) looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 203)  
}
```

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(212, 209, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 203) }
```

Border

The CSS property to change the border of an element to XYZ 60.7313, 63.9098, 65.6348 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(212, 209, 203) }
```


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

```
.border{ border-color:rgb(212, 209, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 209, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 203);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7313, 63.9098, 65.6348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 203) }
```

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

```
.background{ background-color: rgb(212,  
209, 203) }
```

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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