

Converting Colors

XYZ(61.7764, 64.1910, 65.8967)

Have a look what the booklet for
XYZ(61.7764, 64.1910, 65.8967)
contains.

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Color

**XYZ(61.6543, 64.0225,
65.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D0CB
RGB	216, 208, 203
RGB Percent	85%, 82%, 80%
CMY	0.1529, 0.1843, 0.2039
CMYK	0.00, 0.04, 0.06, 0.15
HSL	23°, 14%, 82%
HSV	23°, 6%, 85%
XYZ	61.6543, 64.0225, 65.6080
YIQ	209.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

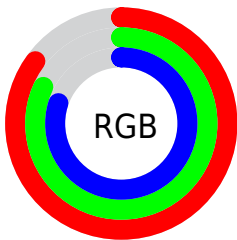
Format	Color
R _Y B	216, 211, 203
Decimal	14209227
CIE Lab	83.98, 1.89, 3.45
CIE LCh	84, 3.932, 61.320
Yxy	64.0225, 0.3223, 0.3347
Android (android.graphics.Color)	4292399307 (0xFFD8D0CB)
YUV	209.8220, -3.3632, 5.4181
Hunter-Lab	80.0141, -2.4826, 7.3947

Details

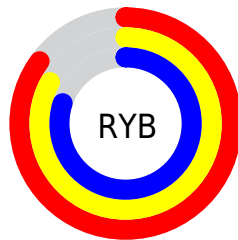
The XYZ color **61.6543, 64.0225, 65.6080** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3175, 64.2420, 74.1874**, and the grayscale version is **61.1618, 64.3469, 70.0738**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6784, 32.8582, 33.1064** is the 20% darker color. If you saturate the color by 10%, you get **56.1533, 56.8563, 51.9471**, and if you desaturate by 10%, it is **67.7890, 71.8805, 81.2511**.

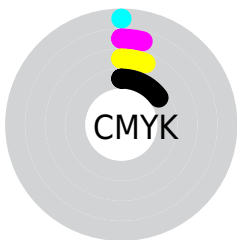
Distribution



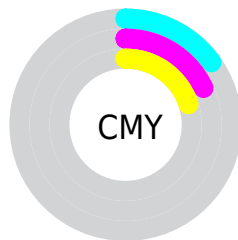
- Red (85%)
- Green (82%)
- Blue (80%)



- Red (85%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6543, 64.0225, 65.6080 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 61.6543, 64.0225, 65.6080 by changing the saturation by 10% instead.

■ 61.6543, 64.0225,
65.6080

■ 61.6543, 64.0225,
65.6080

420.4066,
439.2709, 463.3395

■ 45.0080, 46.6689,
47.4998

106.3185,
110.6433, 114.5452

■ 31.6650, 32.7740,
33.0738

135.0671,
140.6794, 146.2112

■ 21.2601, 21.9534,
21.9114

168.5805,
175.7117, 183.2335

■ 13.4278, 13.8226,
13.5941

207.2240,
216.1246, 226.0308

■ 7.8028, 7.9974,
7.7034

251.3630,
262.3026, 275.0215

■ 4.0198, 4.0933,
3.8207

301.3629,

■ 1.7133, 1.7259,

314.6301, 330.6241

1.5275

357.5890,
373.4914, 393.2573

■ 0.4646, 0.4403,
0.2383

■ 0.0000, 0.0000,
0.0000

■ 61.6543, 64.0225,
65.6080

■ 61.6543, 64.0225,
65.6080

■ 56.1533, 56.8563,
51.9471

■ 67.7890, 71.8805,
81.2511

■ 51.2591, 50.3544,
40.1844

■ 74.5723, 80.4402,
98.9474

■ 46.9511, 44.4995,
30.2359

■ 79.8947, 88.8699,
107.5505

■ 43.2050, 39.2706,
22.0097

■ 82.1293, 93.3391,
108.2953

■ 39.9948, 34.6451,
15.4059

■ 37.2921, 30.5993,
10.3140

■ 35.0657, 27.1074,
6.6094

■ 33.2798, 24.1411,
4.1474

■ 31.8916, 21.6684,
2.7485

Harmonies

Analogous

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



62.2854, 64.0225, 67.2594



61.6543, 64.0225, 65.6080



60.8131, 64.0225, 65.0488

Triad

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



61.6543, 64.0225, 65.6080



59.2015, 64.0225, 69.8196



61.7214, 64.0225, 73.8645

Complementary

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



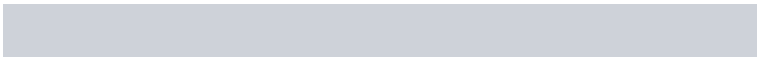
61.6543, 64.0225, 65.6080



60.3175, 64.2420, 74.1874

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.



60.8898, 64.0225, 74.5879



61.6543, 64.0225, 65.6080



59.4397, 64.0225, 72.2187

Square

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



61.6543, 64.0225, 65.6080



59.4019, 64.0225, 67.4454



60.0556, 64.0225, 73.9787



62.3244, 64.0225, 72.0240

Rectangle

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



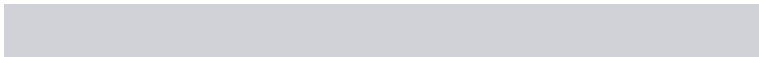
61.6543, 64.0225, 65.6080



60.2479, 64.0225, 65.3598



60.0556, 64.0225, 73.9787



61.4590, 64.0225, 74.2483

Sweetspot

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



61.6561, 64.0253, 65.6094



93.2470, 97.6907, 104.3018



61.4357, 62.0158, 70.3721



19.9776, 20.9341, 22.3730



0.0000, 0.0000, 0.0000



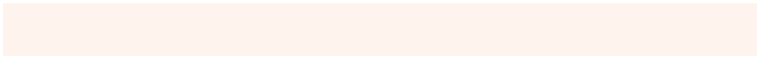
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6561, 64.0253, 65.6094



88.9049, 92.0970, 93.3264



63.2683, 67.2498, 66.1468



13.0399, 13.4933, 13.6046



18.6962, 12.5097, 1.4292



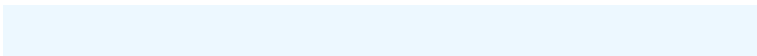
1.2066, 0.9124, 0.1125

Inverse Universe

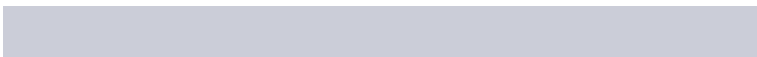
The Inverse Universe completely reimagines the original color for something new.



60.3175, 64.2420, 74.1874



86.6324, 92.4647, 107.8892



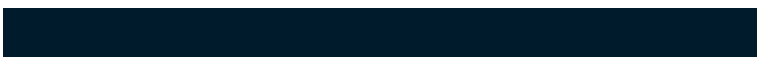
58.7401, 61.0871, 73.6616



12.6841, 13.5508, 15.8846



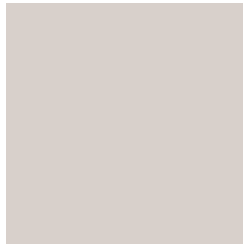
12.3970, 13.0557, 40.3198



0.8268, 0.9456, 2.4582

Previews

White Background



This preview shows how the XYZ color 61.6543, 64.0225, 65.6080 looks on a white background.

Color Contrast Check

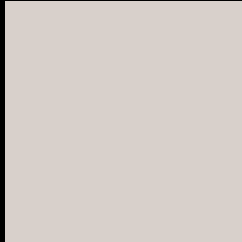
Large Text (above 18pt) WCAG AA × Fail

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 61.6543, 64.0225, 65.6080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

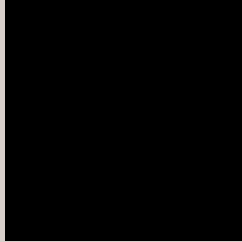
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6543, 64.0225, 65.6080

Background



This preview shows how black text looks on a background with the XYZ color 61.6543, 64.0225, 65.6080.



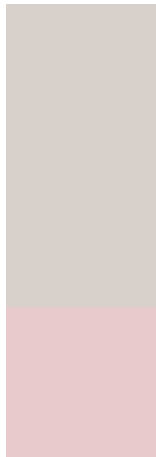
This preview shows how white text looks on a background with the XYZ color 61.6543, 64.0225,

65.6080.

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

61.6543, 64.0225, 65.6080

Protanopia

61.3597, 63.8706, 65.5942

Deuteranopia

65.2983, 63.7565, 65.9914



Tritanopia

64.0959, 63.9432, 77.3707

Trichromacy



Original Color

61.6543, 64.0225, 65.6080

Protanomaly

61.3597, 63.8706, 65.5942

Deuteranomaly

63.8560, 63.7141, 66.0592

Tritanomaly

63.1223, 63.9031, 72.6260

Monochromacy



Original Color

61.6543, 64.0225, 65.6080

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.2143, 64.1030, 68.1783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6543, 64.0225, 65.6080 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(216, 208, 203) looks like.

```
.text, #text, p{  
    color:rgb(216, 208, 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(216, 208, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 208, 203) }
```

Border

The CSS property to change the border of an element to XYZ 61.6543, 64.0225, 65.6080 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(216, 208, 203) }
```


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

```
.border{ border-color:rgb(216, 208, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 208, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 208, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 208, 203);  
box-shadow:4px 4px 4px 4px rgb(216, 208,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6543, 64.0225, 65.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 208, 203) }
```

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

```
.background{ background-color: rgb(216,  
208, 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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