

Converting Colors

XYZ(60.7403, 64.9970, 64.7388)

Have a look what the booklet for
XYZ(60.7403, 64.9970, 64.7388)
contains.

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Color

**XYZ(60.6644, 65.0057,
64.6083)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D4C9
RGB	210, 212, 201
RGB Percent	82%, 83%, 79%
CMY	0.1765, 0.1686, 0.2118
CMYK	0.01, 0.00, 0.05, 0.17
HSL	71°, 11%, 81%
HSV	71°, 5%, 83%
XYZ	60.6644, 65.0057, 64.6083
YIQ	210.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

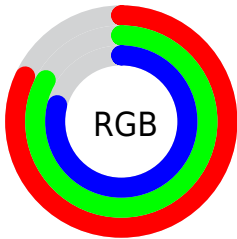
Format	Color
R_{YB}	201, 212, 203
Decimal	13817033
CIE Lab	84.49, -2.64, 5.19
CIE LCh	84, 5.821, 116.935
Yxy	65.0057, 0.3188, 0.3416
Android (android.graphics.Color)	4292007113 (0xFFD2D4C9)
YUV	210.1480, -4.5100, -0.1298
Hunter-Lab	80.6261, -6.7894, 8.9273

Details

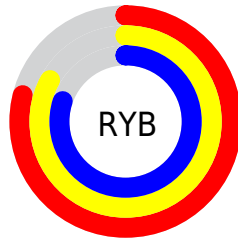
The XYZ color **60.6644, 65.0057, 64.6083** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4015, 59.2251, 70.6971**, and the grayscale version is **61.3849, 64.5817, 70.3295**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0337, 33.2884, 32.3934** is the 20% darker color. If you saturate the color by 10%, you get **57.2550, 63.5185, 52.3164**, and if you desaturate by 10%, it is **64.4482, 66.6499, 78.7172**.

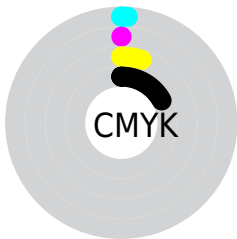
Distribution



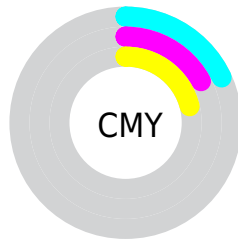
- Red (82%)
- Green (83%)
- Blue (79%)



- Red (79%)
- Yellow (83%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6644, 65.0057, 64.6083 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 60.6644, 65.0057, 64.6083 by changing the saturation by 10% instead.

■ 60.6644, 65.0057,
64.6083

■ 60.6644, 65.0057,
64.6083

416.8380,
442.8125, 459.6507

■ 44.2059, 47.4657,
46.6942

104.8937,
112.0581, 113.0944

■ 31.0310, 33.4040,
32.4414

133.3953,
142.3392, 144.5035

■ 20.7744, 22.4361,
21.4312

166.6419,
177.6362, 181.2480

■ 13.0707, 14.1777,
13.2453

204.9988,
218.3334, 223.7465

■ 7.5546, 8.2443,
7.4650

248.8316,
264.8152, 272.4174

■ 3.8607, 4.2517,
3.6717

298.5055,

■ 1.6236, 1.8153,

317.4661, 327.6794

1.4470

354.3858,
376.6704, 389.9510

■ 0.4077, 0.4967,
0.1780

■ 0.0000, 0.0000,
0.0000

■ 60.6644, 65.0057,
64.6083

■ 60.6644, 65.0057,
64.6083

■ 57.2550, 63.5185,
52.3164

■ 64.4482, 66.6499,
78.7172

■ 54.2004, 62.1743,
41.7636

■ 68.6145, 68.4480,
94.7085

■ 51.4873, 60.9696,
32.8722

■ 71.5925, 69.7740,
104.3021

■ 49.0993, 59.8980,
25.5575

■ 72.7860, 70.3893,
104.3580

■ 47.0188, 58.9523,
19.7270

■ 74.0069, 71.0187,
104.4151

■ 45.2260, 58.1247,
15.2785

■ 75.2552, 71.6622,
104.4735

■ 43.6991, 57.4064,
12.0972

■ 76.5311, 72.3199,
104.5333

■ 42.4124, 56.7871,
10.0496

■ 77.8347, 72.9920,
104.5943

■ 41.3348, 56.2543,
8.9724

■ 79.1663, 73.6784,
104.6566

Harmonies

Analogous

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



61.9193, 65.0057, 63.8923



60.6644, 65.0057, 64.6083



59.7217, 65.0057, 66.9586

Triad

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



60.6644, 65.0057, 64.6083



60.4368, 65.0057, 76.9291



64.3071, 65.0057, 71.1623

Complementary

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



60.6644, 65.0057, 64.6083



57.4015, 59.2251, 70.6971

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.



63.8973, 65.0057, 74.7444



60.6644, 65.0057, 64.6083



61.6529, 65.0057, 78.1460

Square

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



60.6644, 65.0057, 64.6083



59.5916, 65.0057, 74.0613



62.9213, 65.0057, 77.3331



64.0336, 65.0057, 67.5974

Rectangle

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



60.6644, 65.0057, 64.6083



59.3910, 65.0057, 69.1796



62.9213, 65.0057, 77.3331



64.2445, 65.0057, 72.4052

Sweetspot

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



60.6662, 65.0085, 64.6097



93.8987, 99.5001, 104.6167



59.0128, 60.8492, 63.8940



20.1103, 21.3024, 22.4371



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.



60.6662, 65.0085, 64.6097



91.6657, 98.5287, 96.3912



59.1733, 64.2389, 64.5398



13.4615, 14.4966, 14.0447



25.3041, 34.6211, 5.3489



1.5853, 2.1186, 0.3254

Inverse Universe

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



57.4015, 59.2251, 70.6971



85.9072, 88.3272, 107.1288



58.8787, 59.9866, 70.7662



12.5416, 12.8669, 15.7601



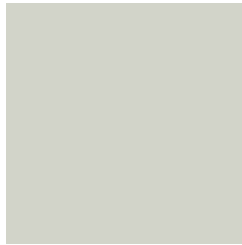
7.9051, 3.2278, 38.6595



0.5413, 0.2280, 2.3348

Previews

White Background



This preview shows how the XYZ color 60.6644, 65.0057, 64.6083 looks on a white background.

Color Contrast Check

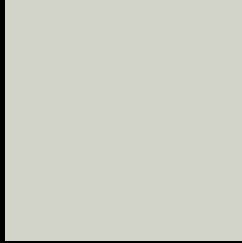
Large Text (above 18pt) WCAG AA × Fail

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 60.6644, 65.0057, 64.6083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

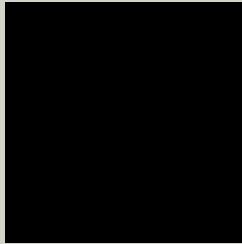
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

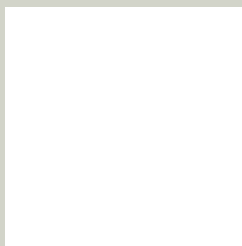
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6644, 65.0057, 64.6083

Background



This preview shows how black text looks on a background with the XYZ color 60.6644, 65.0057, 64.6083.

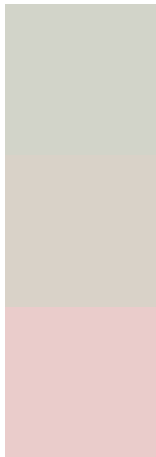


This preview shows how white text looks on a background with the XYZ color 60.6644, 65.0057,

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

60.6644, 65.0057, 64.6083

Protanopia

62.0872, 65.0150, 63.9204

Deuteranopia

66.3040, 64.9900, 65.5496



Tritanopia

63.8780, 64.8441, 80.3836

Trichromacy



Original Color

60.6644, 65.0057, 64.6083

Protanomaly

61.4511, 65.0548, 63.9616

Deuteranomaly

64.0248, 64.8975, 65.0291

Tritanomaly

62.6357, 64.7049, 74.1538

Monochromacy



Original Color

60.6644, 65.0057, 64.6083

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.1351, 64.7952, 68.3160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6644, 65.0057, 64.6083 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, 212, 201) looks like.

```
.text, #text, p{  
    color:rgb(210, 212, 201)  
}
```

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, 212, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 212, 201) }
```

Border

The CSS property to change the border of an element to XYZ 60.6644, 65.0057, 64.6083 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, 212, 201) }
```


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

```
.border{ border-color:rgb(210, 212, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 212, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 212, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 212, 201);  
box-shadow:4px 4px 4px 4px rgb(210, 212,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6644, 65.0057, 64.6083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 212, 201) }
```

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

```
.background{ background-color: rgb(210,  
212, 201) }
```

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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