

Converting Colors

XYZ(60.1031, 63.8769, 64.5583)

Have a look what the booklet for
XYZ(60.1031, 63.8769, 64.5583)
contains.

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Color

**XYZ(60.1676, 64.0119,
64.4427)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D2C9
RGB	210, 210, 201
RGB Percent	82%, 82%, 79%
CMY	0.1765, 0.1765, 0.2118
CMYK	0.00, 0.00, 0.04, 0.18
HSL	60°, 9%, 81%
HSV	60°, 4%, 82%
XYZ	60.1676, 64.0119, 64.4427
YIQ	208.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

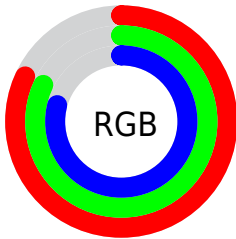
Format	Color
R _Y B	201, 210, 201
Decimal	13816521
CIE Lab	83.97, -1.60, 4.45
CIE LCh	84, 4.724, 109.754
Yxy	64.0119, 0.3190, 0.3394
Android (android.graphics.Color)	4292006601 (0xFFD2D2C9)
YUV	208.9740, -3.9312, 0.8998
Hunter-Lab	80.0074, -5.7765, 8.2495

Details

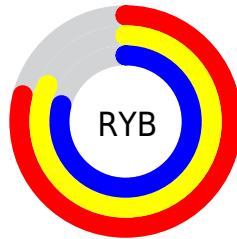
The XYZ color **60.1676, 64.0119, 64.4427** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6093, 58.8456, 69.3508**, and the grayscale version is **60.6125, 63.7690, 69.4445**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8652, 32.9514, 32.3373** is the 20% darker color. If you saturate the color by 10%, you get **57.8624, 63.0916, 52.3088**, and if you desaturate by 10%, it is **62.8142, 65.0729, 78.3583**.

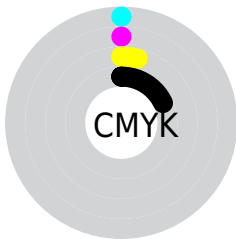
Distribution



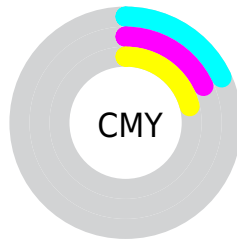
- Red (82%)
- Green (82%)
- Blue (79%)



- Red (79%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1676, 64.0119, 64.4427 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 60.1676, 64.0119, 64.4427 by changing the saturation by 10% instead.

■ 60.1676, 64.0119,
64.4427

■ 60.1676, 64.0119,
64.4427

415.0401,
439.2326, 459.0378

■ 43.8037, 46.6603,
46.5609

104.1777,
110.6281, 112.8538

■ 30.7135, 32.7672,
32.3368

132.5547,
140.6614, 144.2202

■ 20.5315, 21.9482,
21.3519

165.6667,
175.6909, 180.9185

■ 12.8925, 13.8188,
13.1877

203.8791,
216.1008, 223.3673

■ 7.4310, 7.9948,
7.4257

247.5573,
262.2755, 271.9851

■ 3.7818, 4.0916,
3.6473

297.0666,

■ 1.5795, 1.7249,

314.5994, 327.1904

1.4339

352.7724,
373.4570, 389.4018

■ 0.3790, 0.4397,
0.1680

■ 0.0000, 0.0000,
0.0000

■ 60.1676, 64.0119,
64.4427

■ 60.1676, 64.0119,
64.4427

■ 57.8624, 63.0916,
52.3088

■ 62.8142, 65.0729,
78.3583

■ 55.8796, 62.2982,
41.8807

■ 65.8096, 66.2714,
94.1192

■ 54.2065, 61.6287,
33.0833

■ 67.6841, 67.0214,
103.9768

■ 52.8274, 61.0767,
25.8341

■ 67.6866, 67.0227,
103.9770

■ 51.7253, 60.6356,
20.0437

■ 67.6891, 67.0240,
103.9771

■ 50.8815, 60.2978,
15.6132

■ 67.6916, 67.0253,
103.9772

■ 50.2749, 60.0548,
12.4318

■ 67.6941, 67.0266,
103.9773

■ 49.8810, 59.8970,
10.3709

■ 67.6966, 67.0279,
103.9774

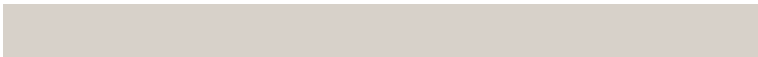
■ 49.6704, 59.8125,
9.2748

■ 67.6991, 67.0292,
103.9775

Harmonies

Analogous

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



61.1980, 64.0119, 64.2096



60.1676, 64.0119, 64.4427



59.3269, 64.0119, 66.0609

Triad

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



60.1676, 64.0119, 64.4427



59.5578, 64.0119, 74.1642



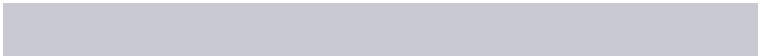
62.8317, 64.0119, 70.7223

Complementary

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



60.1676, 64.0119, 64.4427



56.6093, 58.8456, 69.3508

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.



62.3815, 64.0119, 73.4663



60.1676, 64.0119, 64.4427



60.4862, 64.0119, 75.4907

Square

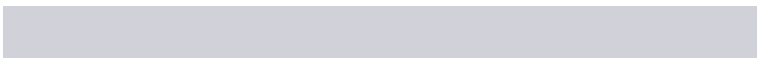
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.1676, 64.0119, 64.4427



58.9776, 64.0119, 71.6529



61.5202, 64.0119, 75.2317



62.7441, 64.0119, 67.7791

Rectangle

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



60.1676, 64.0119, 64.4427



58.9833, 64.0119, 67.7338



61.5202, 64.0119, 75.2317



62.7381, 64.0119, 71.7000

Sweetspot

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



60.1694, 64.0147, 64.4441



94.6417, 99.8366, 106.7520



58.0096, 59.6935, 63.7239



20.2615, 21.3709, 22.8720



0.0000, 0.0000, 0.0000



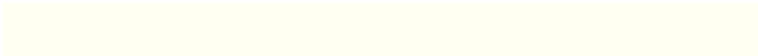
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1694, 64.0147, 64.4441



93.0626, 99.2048, 98.4449



58.9066, 63.3637, 64.3850



12.9962, 13.8747, 13.6171



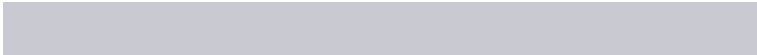
30.2554, 36.4662, 5.4441



1.6919, 2.0390, 0.3044

Inverse Universe

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



56.6093, 58.8456, 69.3508



86.5823, 89.7956, 107.3767



57.8364, 59.4782, 69.4083



11.9876, 12.4102, 15.0073



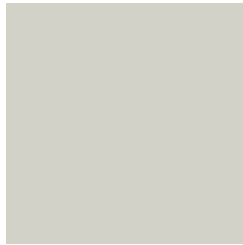
7.0968, 2.8388, 37.3664



0.3970, 0.1588, 2.0893

Previews

White Background



This preview shows how the XYZ color 60.1676, 64.0119, 64.4427 looks on a white background.

Color Contrast Check

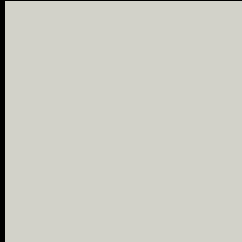
Large Text (above 18pt) WCAG AA × Fail

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 60.1676, 64.0119, 64.4427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

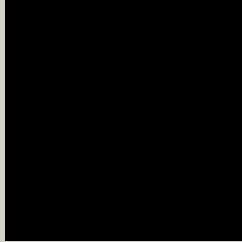
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

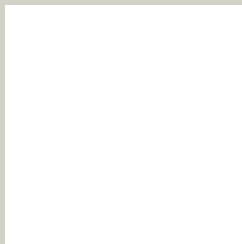
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1676, 64.0119, 64.4427

Background



This preview shows how black text looks on a background with the XYZ color 60.1676, 64.0119, 64.4427.

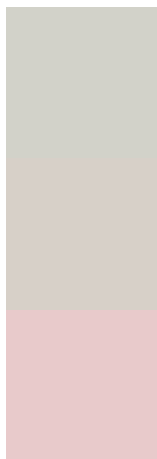


This preview shows how white text looks on a background with the XYZ color 60.1676, 64.0119,

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

60.1676, 64.0119, 64.4427

Protanopia

61.0055, 63.7290, 63.7292

Deuteranopia

65.1787, 63.7087, 65.3616



Tritanopia

63.0727, 64.0995, 78.8602

Trichromacy



Original Color

60.1676, 64.0119, 64.4427

Protanomaly

60.6664, 63.9172, 63.7834

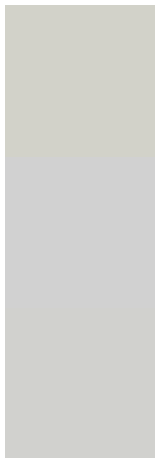
Deuteranomaly

63.2325, 63.7742, 64.8541

Tritanomaly

61.9730, 64.0151, 73.3798

Monochromacy



Original Color

60.1676, 64.0119, 64.4427

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.2355, 63.6125, 67.4962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1676, 64.0119, 64.4427 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, 210, 201) looks like.

```
.text, #text, p{  
    color:rgb(210, 210, 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, 210, 201) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 60.1676, 64.0119, 64.4427 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, 210, 201) }
```


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

```
.border{ border-color:rgb(210, 210, 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, 210, 201) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 60.1676, 64.0119, 64.4427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(210,  
210, 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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