

Converting Colors

XYZ(64.3200, 69.0026, 59.7268)

Have a look what the booklet for
XYZ(64.3200, 69.0026, 59.7268)
contains.

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Color

**XYZ(64.1461, 68.8036,
59.7687)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DDD9C0 |
| RGB | 221, 217, 192 |
| RGB Percent | 87%, 85%, 75% |
| CMY | 0.1333, 0.1490, 0.2471 |
| CMYK | 0.00, 0.02, 0.13, 0.13 |
| HSL | 52°, 30%, 81% |
| HSV | 52°, 13%, 87% |
| XYZ | 64.1461, 68.8036, 59.7687 |
| YIQ | 215.3460, 10.4090, -6.9270 |

Conversions

Conversions Part 2

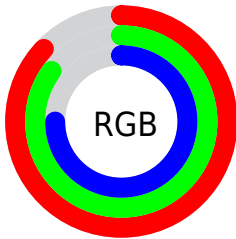
| Format | Color |
|-------------------------------------|---|
| RYB | 197, 221, 192 |
| Decimal | 14539200 |
| CIELab | 86.41, -2.83, 12.81 |
| CIELCh | 86, 13.115, 102.461 |
| Yxy | 68.8036, 0.3328, 0.3570 |
| Android (android.graphics.Color) | 4292729280 (0xFFDDD9C0) |
| YUV | 215.3460, -11.5096, 4.9586 |
| Hunter-Lab | 82.9479, -7.1195, 15.3417 |

Details

The XYZ color **64.1461, 68.8036, 59.7687** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5293, 55.9058, 76.3242**, and the grayscale version is **64.8980, 68.2777, 74.3545**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **33.3064, 35.8117, 29.5830** is the 20% darker color. If you saturate the color by 10%, you get **61.1020, 66.3439, 47.5666**, and if you desaturate by 10%, it is **67.5761, 71.4454, 73.9152**.

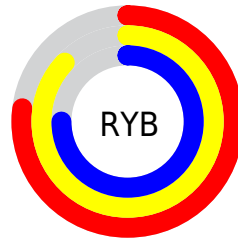
Distribution



Red (87%)

Green (85%)

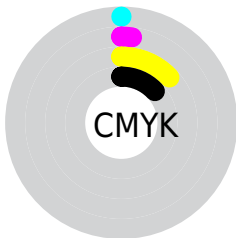
Blue (75%)



Red (77%)

Yellow (87%)

Blue (75%)

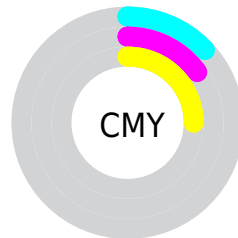


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (13%)



Cyan (13%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1461, 68.8036, 59.7687 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 64.1461, 68.8036, 59.7687 by changing the saturation by 10% instead.

■ 64.1461, 68.8036,
59.7687

■ 64.1461, 68.8036,
59.7687

429.3109,
456.3380, 441.5256

■ 47.0311, 50.5518,
42.8081

■ 109.8939,
117.5010, 106.0341

■ 33.2683, 35.8520,
29.4043

139.2574,
148.7154, 136.1761

■ 22.4923, 24.3199,
19.1387

173.4345,
185.0194, 171.5490

■ 14.3377, 15.5711,
11.5927

212.7905,
226.7975, 212.5713

■ 8.4392, 9.2212,
6.3478

257.6908,
274.4340, 259.6616

■ 4.4314, 4.8857,
2.9855

308.5007,

■ 1.9490, 2.1804,

328.3133, 313.2384

1.0873

365.5856,
388.8198, 373.7202

■ 0.6051, 0.7093,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1461, 68.8036,
59.7687

■ 64.1461, 68.8036,
59.7687

■ 61.1020, 66.3439,
47.5666

■ 67.5761, 71.4454,
73.9152

■ 58.4219, 64.0506,
37.2185

■ 71.4020, 74.2666,
90.0823

■ 56.0900, 61.9194,
28.6332

■ 75.1037, 77.0615,
105.5237

■ 54.0871, 59.9427,
21.7102

■ 75.9398, 78.7337,
105.8024

■ 52.3921, 58.1118,
16.3388

■ 76.7907, 80.4355,
106.0860

■ 50.9815, 56.4172,
12.3950

■ 77.6565, 82.1670,
106.3746

■ 49.8278, 54.8479,
9.7356

■ 78.5371, 83.9284,
106.6682

■ 48.8983, 53.3905,
8.1876

■ 79.4328, 85.7197,
106.9667

■ 48.3520, 52.4381,
7.5731

■ 80.3436, 87.5413,
107.2703

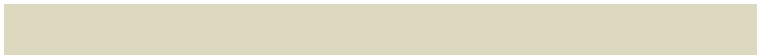
Harmonies

Analogous

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



67.1681, 68.8036, 60.0986



64.1461, 68.8036, 59.7687



61.5391, 68.8036, 63.2624

Triad

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



64.1461, 68.8036, 59.7687



61.1891, 68.8036, 86.7595



71.1126, 68.8036, 80.0597

Complementary

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



64.1461, 68.8036, 59.7687



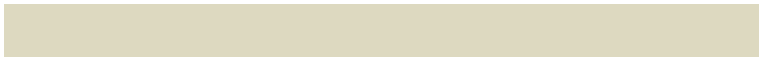
54.5293, 55.9058, 76.3242

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.



69.4102, 68.8036, 87.9182



64.1461, 68.8036, 59.7687



63.6548, 68.8036, 91.9869

Square

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



64.1461, 68.8036, 59.7687



59.8677, 68.8036, 78.5754



66.6615, 68.8036, 92.4266



71.2541, 68.8036, 71.3709

Rectangle

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



64.1461, 68.8036, 59.7687



60.3623, 68.8036, 67.4591



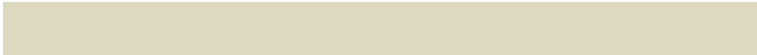
66.6615, 68.8036, 92.4266



70.7016, 68.8036, 82.9019

Sweetspot

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



64.1480, 68.8066, 59.7702



93.0042, 98.4669, 100.3304



58.6730, 57.0739, 60.3586



19.8265, 21.0152, 21.1408



0.0000, 0.0000, 0.0000



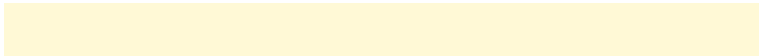
20.3446, 21.4041, 23.3091

Same Dimension

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



64.1480, 68.8066, 59.7702



87.3959, 94.1108, 77.3113



62.1927, 69.3462, 59.9774



14.0013, 14.9419, 13.8717



28.1502, 30.5859, 4.4200



1.8668, 2.0677, 0.3007

Inverse Universe

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



54.5293, 55.9058, 76.3242



71.3864, 72.6391, 104.8660



56.2994, 55.4982, 76.1523



12.4827, 12.9051, 16.4852



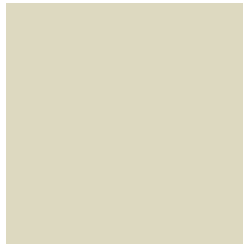
7.9060, 3.6815, 40.0323



0.5598, 0.3338, 2.6094

Previews

White Background



This preview shows how the XYZ color 64.1461, 68.8036, 59.7687 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 64.1461, 68.8036, 59.7687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

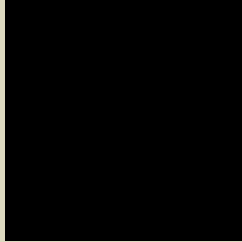
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

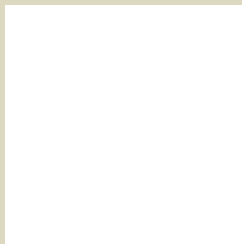
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1461, 68.8036, 59.7687

Background



This preview shows how black text looks on a background with the XYZ color 64.1461, 68.8036, 59.7687.

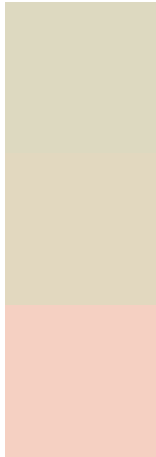


This preview shows how white text looks on a background with the XYZ color 64.1461, 68.8036,

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

64.1461, 68.8036, 59.7687

Protanopia

65.3239, 69.0421, 59.1737

Deuteranopia

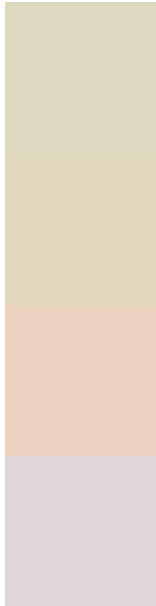
69.9497, 68.4193, 60.5584



Tritanopia

68.9111, 68.8572, 83.0575

Trichromacy



Original Color

64.1461, 68.8036, 59.7687

Protanomaly

64.7003, 68.7206, 59.1445

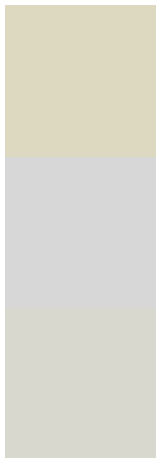
Deuteranomaly

67.5120, 68.2717, 60.0716

Tritanomaly

67.0528, 68.8467, 74.0447

Monochromacy



Original Color

64.1461, 68.8036, 59.7687

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.4336, 68.3684, 68.8319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1461, 68.8036, 59.7687 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(221, 217, 192)` looks like.

```
.text, #text, p{  
    color:rgb(221, 217, 192)  
}
```

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(221, 217, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 217, 192) }
```

Border

The CSS property to change the border of an element to XYZ 64.1461, 68.8036, 59.7687 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(221, 217, 192) }
```


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

```
.border{ border-color:rgb(221, 217, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 217, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 217, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 217, 192); box-shadow:4px 4px 4px 4px rgb(221, 217, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1461, 68.8036, 59.7687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 217, 192) }
```

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

```
.background{ background-color: rgb(221,  
217, 192) }
```

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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