

Converting Colors

XYZ(64.4880, 66.3115, 69.0759)

Have a look what the booklet for
XYZ(64.4880, 66.3115, 69.0759)
contains.

XYZ(64.2506, 66.0194, 69.0312)	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(64.2506, 66.0194,
69.0312)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD2D0
RGB	221, 210, 208
RGB Percent	87%, 82%, 82%
CMY	0.1333, 0.1765, 0.1843
CMYK	0.00, 0.05, 0.06, 0.13
HSL	9°, 16%, 84%
HSV	9°, 6%, 87%
XYZ	64.2506, 66.0194, 69.0312
YIQ	213.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

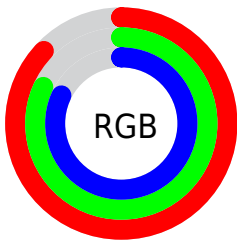
Format	Color
R _Y B	221, 210, 208
Decimal	14537424
CIE Lab	85.01, 3.44, 2.33
CIE LCh	85, 4.161, 34.132
Yxy	66.0194, 0.3224, 0.3313
Android (android.graphics.Color)	4292727504 (0xFFDDD2D0)
YUV	213.0610, -2.4951, 6.9625
Hunter-Lab	81.2523, -1.0420, 6.5044

Details

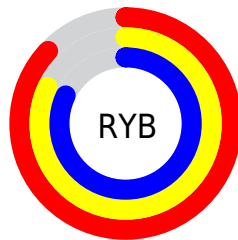
The XYZ color **64.2506, 66.0194, 69.0312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3951, 69.2925, 78.3884**, and the grayscale version is **63.3010, 66.5976, 72.5248**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4471, 34.2170, 35.4135** is the 20% darker color. If you saturate the color by 10%, you get **57.3704, 56.3109, 54.2448**, and if you desaturate by 10%, it is **72.0525, 76.9635, 85.9957**.

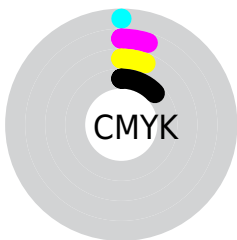
Distribution



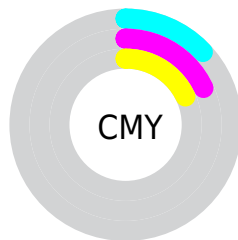
- Red (87%)
- Green (82%)
- Blue (82%)



- Red (87%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2506, 66.0194, 69.0312 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 64.2506, 66.0194, 69.0312 by changing the saturation by 10% instead.

■ 64.2506, 66.0194,
69.0312

■ 64.2506, 66.0194,
69.0312

429.6819,
446.4463, 475.8379

■ 47.1161, 48.2882,
50.2652

110.0435,
113.5142, 119.4943

■ 33.3358, 34.0551,
35.2515

139.4326,
144.0465, 152.0284

■ 22.5443, 22.9360,
23.5716

173.6373,
179.6146, 189.9890

■ 14.3762, 14.5462,
14.8069

213.0229,
220.6030, 233.7946

■ 8.4662, 8.5015,
8.5388

257.9548,
267.3959, 283.8638

■ 4.4490, 4.4175,
4.3490

308.7984,

■ 1.9592, 1.9097,

320.3778, 340.6150

1.8187

365.9190,
379.9332, 404.4669

■ 0.6109, 0.5542,
0.4402

■ 0.0000, 0.0000,
0.0000

■ 64.2506, 66.0194,
69.0312

■ 64.2506, 66.0194,
69.0312

■ 57.3704, 56.3109,
54.2448

■ 72.0525, 76.9635,
85.9957

■ 51.3725, 47.7862,
41.5440

■ 80.8029, 89.1755,
105.2171

■ 46.2223, 40.4024,
30.8360

■ 83.6292, 94.1124,
108.3655

■ 41.8813, 34.1109,
22.0193

■ 38.3077, 28.8595,
14.9835

■ 35.4559, 24.5917,
9.6067

■ 33.2755, 21.2456,
5.7515

■ 31.7090, 18.7519,
3.2585

■ 30.6886, 17.0313,
1.9312

Harmonies

Analogous

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



64.5612, 66.0194, 71.5133



64.2506, 66.0194, 69.0312



63.5378, 66.0194, 67.3463

Triad

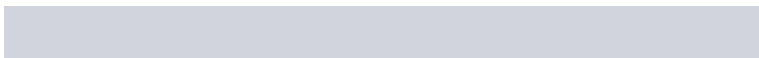
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.2506, 66.0194, 69.0312



61.1444, 66.0194, 69.6590



62.8792, 66.0194, 77.1469

Complementary

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



64.2506, 66.0194, 69.0312



64.3951, 69.2925, 78.3884

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.



61.9677, 66.0194, 76.6209



64.2506, 66.0194, 69.0312



60.9719, 66.0194, 72.2558

Square

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



64.2506, 66.0194, 69.0312



61.7453, 66.0194, 67.7024



61.2719, 66.0194, 74.8141



63.7644, 66.0194, 76.2341

Rectangle

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



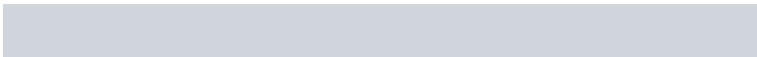
64.2506, 66.0194, 69.0312



62.9336, 66.0194, 66.8789



61.2719, 66.0194, 74.8141



62.5657, 66.0194, 77.1326

Sweetspot

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



64.2525, 66.0223, 69.0326



92.8788, 96.9542, 104.1791



65.1684, 65.6021, 76.2810



19.9027, 20.7841, 22.3481



0.0000, 0.0000, 0.0000



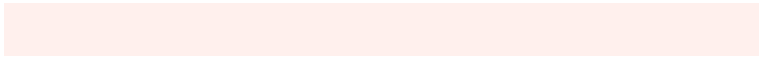
20.3446, 21.4041, 23.3091

Same Dimension

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



64.2525, 66.0223, 69.0326



87.6790, 89.6452, 92.9178



65.8763, 69.2699, 69.5739



13.5039, 13.7778, 14.2282



17.7079, 9.7013, 0.9392



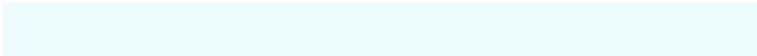
1.1990, 0.7321, 0.0781

Inverse Universe

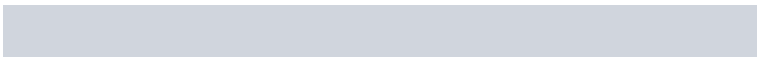
The Inverse Universe completely reimagines the original color for something new.



64.3951, 69.2925, 78.3884



87.9137, 95.0275, 108.3163



62.7458, 65.9938, 77.8386



13.5427, 14.6659, 16.7692



17.9647, 23.7988, 43.3852



1.2110, 1.6361, 2.8264

Previews

White Background



This preview shows how the XYZ color 64.2506, 66.0194, 69.0312 looks on a white background.

Color Contrast Check

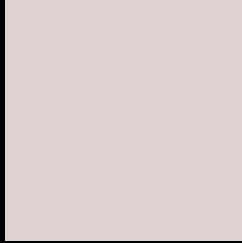
Large Text (above 18pt) WCAG AA × Fail

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 64.2506, 66.0194, 69.0312 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

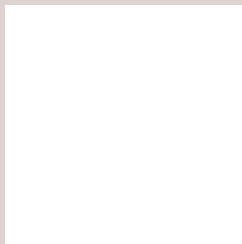
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2506, 66.0194, 69.0312

Background



This preview shows how black text looks on a background with the XYZ color 64.2506, 66.0194, 69.0312.

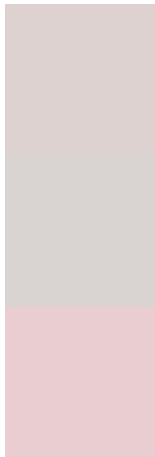


This preview shows how white text looks on a background with the XYZ color 64.2506, 66.0194,

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

64.2506, 66.0194, 69.0312

Protanopia

63.4182, 65.9437, 69.7075

Deuteranopia

67.2716, 65.7585, 69.4687



Tritanopia

66.4418, 66.1815, 79.7935

Trichromacy



Original Color

64.2506, 66.0194, 69.0312

Protanomaly

63.7163, 66.0974, 69.7215

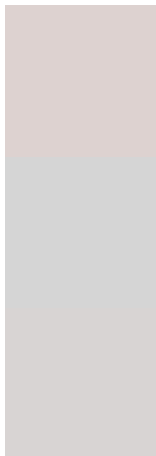
Deuteranomaly

66.1345, 65.8871, 69.5534

Tritanomaly

65.5796, 66.1925, 75.6497

Monochromacy



Original Color

64.2506, 66.0194, 69.0312

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.6203, 66.3890, 71.0892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2506, 66.0194, 69.0312 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, 210, 208) looks like.

```
.text, #text, p{  
    color:rgb(221, 210, 208)  
}
```

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, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 210, 208) }
```

Border

The CSS property to change the border of an element to XYZ 64.2506, 66.0194, 69.0312 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, 210, 208) }
```


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

```
.border{ border-color:rgb(221, 210, 208) }
```

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

Here you see how a box with a 4 pixel rgb(221, 210, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 210, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 210, 208);  
box-shadow:4px 4px 4px 4px rgb(221, 210,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2506, 66.0194, 69.0312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 210, 208) }
```

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

```
.background{ background-color: rgb(221,  
210, 208) }
```

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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