

Converting Colors

XYZ(66.1547, 71.1466, 64.6785)

Have a look what the booklet for
XYZ(66.1547, 71.1466, 64.6785)
contains.

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Color

**XYZ(66.4060, 71.4126,
64.9276)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDDC8
RGB	222, 221, 200
RGB Percent	87%, 87%, 78%
CMY	0.1294, 0.1333, 0.2157
CMYK	0.00, 0.00, 0.10, 0.13
HSL	57°, 25%, 83%
HSV	57°, 10%, 87%
XYZ	66.4060, 71.4126, 64.9276
YIQ	218.9050, 7.3370, -6.3190

Conversions

Conversions Part 2

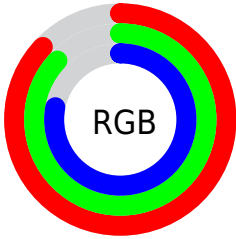
Format	Color
R _Y B	201, 222, 200
Decimal	14605768
CIE Lab	87.69, -3.25, 10.43
CIE LCh	88, 10.922, 107.305
Yxy	71.4126, 0.3275, 0.3522
Android (android.graphics.Color)	4292795848 (0xFFDEDDC8)
YUV	218.9050, -9.3202, 2.7143
Hunter-Lab	84.5060, -7.6176, 13.6005

Details

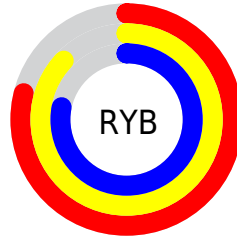
The XYZ color **66.4060, 71.4126, 64.9276** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8909, 59.3257, 77.5079**, and the grayscale version is **67.3267, 70.8330, 77.1371**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7609, 37.5632, 32.6125** is the 20% darker color. If you saturate the color by 10%, you get **63.7338, 69.9228, 52.1524**, and if you desaturate by 10%, it is **69.4604, 73.0625, 79.6906**.

Distribution



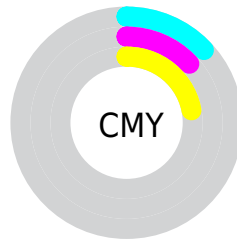
- Red (87%)
- Green (87%)
- Blue (78%)



- Red (79%)
- Yellow (87%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4060, 71.4126, 64.9276 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 66.4060, 71.4126, 64.9276 by changing the saturation by 10% instead.

■ 66.4060, 71.4126,
64.9276

■ 66.4060, 71.4126,
64.9276

437.2933,
465.4945, 460.8308

■ 48.8710, 52.6790,
46.9514

113.1234,
121.2210, 113.5580

■ 34.7313, 37.5466,
32.6432

143.0364,
153.0646, 145.0494

■ 23.6215, 25.6310,
21.5844

177.8062,
190.0470, 181.8828

■ 15.1763, 16.5478,
13.3564

217.7980,
232.5526, 224.4769

■ 9.0303, 9.9126,
7.5408

263.3773,
280.9657, 273.2503

■ 4.8182, 5.3410,
3.7190

314.9094,

■ 2.1747, 2.4487,

335.6708, 328.6213

1.4725

372.7596,
397.0523, 391.0087

■ 0.7293, 0.8508,
0.1973

■ 0.0000, 0.0000,
0.0000

■ 66.4060, 71.4126,
64.9276

■ 66.4060, 71.4126,
64.9276

■ 63.7338, 69.9228,
52.1524

■ 69.4604, 73.0625,
79.6906

■ 61.4220, 68.5774,
41.2753

■ 72.9065, 74.8693,
96.5169

■ 59.4550, 67.3724,
32.2065

■ 74.8356, 76.0718,
105.3468

■ 57.8141, 66.3003,
24.8472

■ 75.1065, 76.6136,
105.4371

■ 56.4788, 65.3531,
19.0891

■ 75.3790, 77.1587,
105.5280

■ 55.4261, 64.5214,
14.8115

■ 75.6531, 77.7069,
105.6193

■ 54.6299, 63.7948,
11.8768

■ 75.9288, 78.2583,
105.7112

■ 54.0591, 63.1609,
10.1215

■ 76.2061, 78.8129,
105.8037

■ 53.6595, 62.5980,
9.2602

■ 76.4851, 79.3708,
105.8966

Harmonies

Analogous

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



68.9750, 71.4126, 64.6648



66.4060, 71.4126, 64.9276



64.2833, 71.4126, 68.4868

Triad

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



66.4060, 71.4126, 64.9276



64.5567, 71.4126, 88.7084



72.8469, 71.4126, 80.9304

Complementary

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



66.4060, 71.4126, 64.9276



57.8909, 59.3257, 77.5079

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.



71.5991, 71.4126, 87.8263



66.4060, 71.4126, 64.9276



66.7878, 71.4126, 92.5049

Square

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



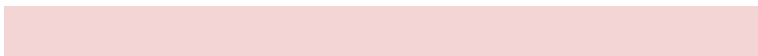
66.4060, 71.4126, 64.9276



63.2344, 71.4126, 82.0731



69.3666, 71.4126, 92.1722



72.7384, 71.4126, 73.5934

Rectangle

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



66.4060, 71.4126, 64.9276



63.3872, 71.4126, 72.3860



69.3666, 71.4126, 92.1722



72.5709, 71.4126, 83.3856

Sweetspot

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



66.4079, 71.4157, 64.9291



93.7322, 99.2963, 102.5050



61.3338, 61.0609, 63.8743



19.9889, 21.2140, 21.5837



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.



66.4079, 71.4157, 64.9291



90.0686, 97.3030, 84.8400



63.7277, 70.4255, 64.8793



14.8158, 15.9176, 14.5983



31.8932, 37.2243, 5.5041



2.2273, 2.6135, 0.3871

Inverse Universe

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



57.8909, 59.3257, 77.5079



76.0525, 77.4072, 105.5404



60.3899, 60.2705, 77.5585



13.0016, 13.3422, 17.2777



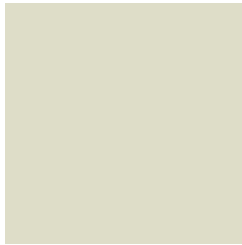
7.9180, 3.3055, 41.2691



0.5666, 0.2647, 2.8665

Previews

White Background



This preview shows how the XYZ color 66.4060, 71.4126, 64.9276 looks on a white background.

Color Contrast Check

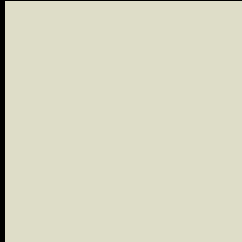
Large Text (above 18pt) WCAG AA × Fail

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 66.4060, 71.4126, 64.9276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

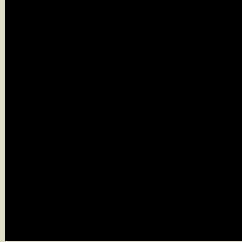
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

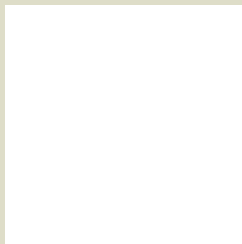
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4060, 71.4126, 64.9276

Background



This preview shows how black text looks on a background with the XYZ color 66.4060, 71.4126, 64.9276.



This preview shows how white text looks on a background with the XYZ color 66.4060, 71.4126,

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

66.4060, 71.4126, 64.9276

Protanopia

67.9534, 71.4446, 64.2415

Deuteranopia

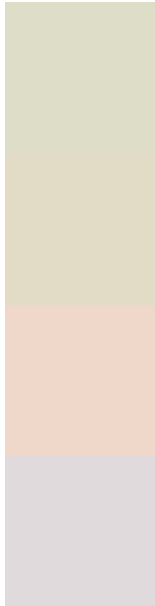
72.9156, 71.3077, 65.7978



Tritanopia

70.9424, 71.3258, 87.1190

Trichromacy



Original Color

66.4060, 71.4126, 64.9276

Protanomaly

67.2660, 71.4787, 64.2843

Deuteranomaly

70.4397, 71.1686, 65.2827

Tritanomaly

69.1739, 71.3708, 78.5367

Monochromacy



Original Color

66.4060, 71.4126, 64.9276

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.9921, 71.1555, 72.4909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4060, 71.4126, 64.9276 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(222, 221, 200)` looks like.

```
.text, #text, p{  
    color:rgb(222, 221, 200)  
}
```

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(222, 221, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 221, 200) }
```

Border

The CSS property to change the border of an element to XYZ 66.4060, 71.4126, 64.9276 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(222, 221, 200) }
```


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

```
.border{ border-color:rgb(222, 221, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 221, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 221, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 221, 200);  
box-shadow:4px 4px 4px 4px rgb(222, 221,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4060, 71.4126, 64.9276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 221, 200) }
```

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

```
.background{ background-color: rgb(222,  
221, 200) }
```

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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