

Converting Colors

XYZ(60.8266, 66.8461, 50.5972)

Have a look what the booklet for
XYZ(60.8266, 66.8461, 50.5972)
contains.

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Color

**XYZ(61.0076, 66.9980,
50.7908)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D8B0
RGB	217, 216, 176
RGB Percent	85%, 85%, 69%
CMY	0.1490, 0.1529, 0.3098
CMYK	0.00, 0.00, 0.19, 0.15
HSL	59°, 35%, 77%
HSV	59°, 19%, 85%
XYZ	61.0076, 66.9980, 50.7908
YIQ	211.7390, 13.4360, -12.2280

Conversions

Conversions Part 2

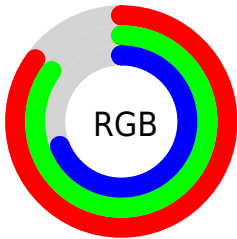
Format	Color
RYB	177, 217, 176
Decimal	14276784
CIELab	85.50, -6.21, 19.90
CIELCh	86, 20.841, 107.327
Yxy	66.9980, 0.3412, 0.3747
Android (android.graphics.Color)	4292466864 (0xFFD9D8B0)
YUV	211.7390, -17.6193, 4.6139
Hunter-Lab	81.8523, -10.1988, 20.5061

Details

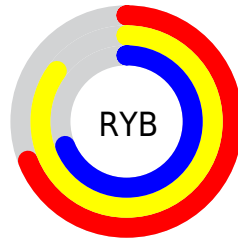
The XYZ color **61.0076, 66.9980, 50.7908** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.1510, 45.6832, 72.0314**, and the grayscale version is **62.5145, 65.7701, 71.6236**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **31.2203, 34.6012, 23.7721** is the 20% darker color. If you saturate the color by 10%, you get **58.8959, 65.9400, 40.3274**, and if you desaturate by 10%, it is **63.4666, 68.2001, 63.0649**.

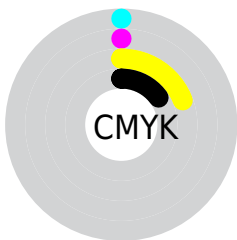
Distribution



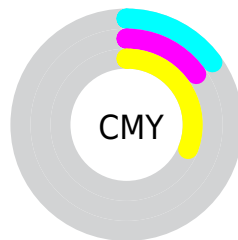
- Red (85%)
- Green (85%)
- Blue (69%)



- Red (69%)
- Yellow (85%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0076, 66.9980, 50.7908 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 61.0076, 66.9980, 50.7908 by changing the saturation by 10% instead.

■ 61.0076, 66.9980,
50.7908

■ 61.0076, 66.9980,
50.7908

418.0773,
449.9377, 406.5738

■ 44.4839, 49.0830,
35.6666

■ 105.3880,
114.9175, 92.7538

■ 31.2506, 34.6853,
23.8891

133.9754,
145.6909, 120.4297

■ 20.9425, 23.4206,
15.0400

167.3146,
181.5191, 153.1265

■ 13.1942, 14.9044,
8.7005

205.7712,
222.7867, 191.2628

■ 7.6403, 8.7523,
4.4522

249.7104,
269.8779, 235.2571

■ 3.9155, 4.5800,
1.8766

299.4976,

■ 1.6545, 2.0030,

323.1772, 285.5280

0.4778

355.4981,
383.0690, 342.4941

■ 0.4275, 0.6092,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0076, 66.9980,
50.7908

■ 61.0076, 66.9980,
50.7908

■ 58.8959, 65.9400,
40.3274

■ 63.4666, 68.2001,
63.0649

■ 57.1098, 65.0107,
31.5846

■ 66.2827, 69.5436,
77.2254

■ 55.6336, 64.2060,
24.4714

■ 69.4720, 71.0369,
93.3490

■ 54.4480, 63.5182,
18.8862

■ 71.7660, 72.1729,
104.7560

■ 53.5315, 62.9388,
14.7164

■ 71.9029, 72.4467,
104.8017

■ 52.8600, 62.4580,
11.8339

■ 72.0403, 72.7214,
104.8475

■ 52.4045, 62.0644,
10.0873

■ 72.1780, 72.9970,
104.8934

■ 52.1200, 61.7398,
9.2389

■ 72.3163, 73.2734,
104.9395

■ 52.0923, 61.7055,
9.1648

■ 72.4549, 73.5507,
104.9857

Harmonies

Analogous

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



65.6971, 66.9980, 50.3618



61.0076, 66.9980, 50.7908



57.2204, 66.9980, 56.6714

Triad

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



61.0076, 66.9980, 50.7908



57.7083, 66.9980, 93.8382



72.9772, 66.9980, 78.8180

Complementary

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



61.0076, 66.9980, 50.7908



46.1510, 45.6832, 72.0314

Split Complementary

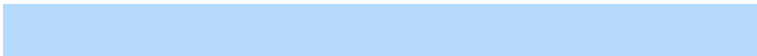
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.6075, 66.9980, 92.0795



61.0076, 66.9980, 50.7908



61.7039, 66.9980, 101.4459

Square

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



61.0076, 66.9980, 50.7908



55.3813, 66.9980, 80.9900



66.4285, 66.9980, 100.7651



72.7680, 66.9980, 65.4595

Rectangle

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



61.0076, 66.9980, 50.7908



55.6462, 66.9980, 63.3571



66.4285, 66.9980, 100.7651



72.4511, 66.9980, 83.4642

Sweetspot

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



61.0094, 67.0010, 50.7922



92.5653, 98.8167, 96.3994



52.1138, 48.9923, 48.4976



19.7574, 21.1243, 20.3553



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.



61.0094, 67.0010, 50.7922



86.5512, 95.8765, 66.3779



55.9036, 64.7485, 50.6266



14.1337, 15.2068, 13.9159



31.5457, 37.3769, 5.5518



2.0524, 2.4390, 0.3626

Inverse Universe

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



46.1510, 45.6832, 72.0314



61.0485, 59.2875, 102.8338



50.5907, 47.6812, 72.1830



12.3639, 12.6675, 16.4456



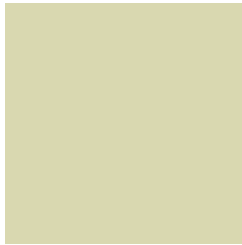
7.6273, 3.1240, 39.9394



0.5033, 0.2207, 2.5905

Previews

White Background



This preview shows how the XYZ color 61.0076, 66.9980, 50.7908 looks on a white background.

Color Contrast Check

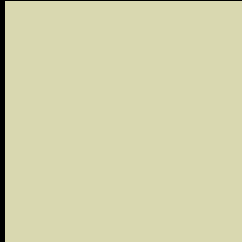
Large Text (above 18pt) WCAG AA × Fail

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 61.0076, 66.9980, 50.7908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

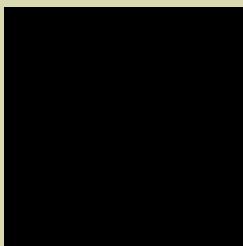
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

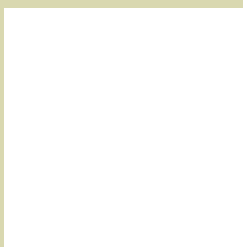
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0076, 66.9980, 50.7908

Background



This preview shows how black text looks on a background with the XYZ color 61.0076, 66.9980, 50.7908.



This preview shows how white text looks on a background with the XYZ color 61.0076, 66.9980,

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

61.0076, 66.9980, 50.7908

Protanopia

62.8961, 66.8524, 50.1463

Deuteranopia

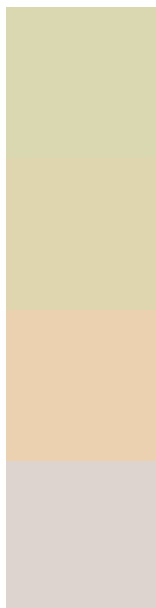
68.2250, 66.6512, 51.3886



Tritanopia

67.2684, 66.9392, 81.3266

Trichromacy



Original Color

61.0076, 66.9980, 50.7908

Protanomaly

62.2159, 66.8763, 50.1867

Deuteranomaly

65.3283, 66.6081, 51.0085

Tritanomaly

64.7474, 67.0132, 69.1968

Monochromacy



Original Color

61.0076, 66.9980, 50.7908

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.8346, 66.0082, 63.5146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0076, 66.9980, 50.7908 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(217, 216, 176)` looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 176)  
}
```

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(217, 216, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 176) }
```

Border

The CSS property to change the border of an element to XYZ 61.0076, 66.9980, 50.7908 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(217, 216, 176) }
```


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

```
.border{ border-color:rgb(217, 216, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 216, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 176);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0076, 66.9980, 50.7908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 176) }
```

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

```
.background{ background-color: rgb(217,  
216, 176) }
```

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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