

Converting Colors

XYZ(57.1731, 66.1646, 52.8462)

Have a look what the booklet for
XYZ(57.1731, 66.1646, 52.8462)
contains.

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Color

**XYZ(57.1229, 66.1004,
52.9280)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C7DBB4 |
| RGB | 199, 219, 180 |
| RGB Percent | 78%, 86%, 71% |
| CMY | 0.2196, 0.1412, 0.2941 |
| CMYK | 0.09, 0.00, 0.18, 0.14 |
| HSL | 91°, 35%, 78% |
| HSV | 91°, 18%, 86% |
| XYZ | 57.1229, 66.1004, 52.9280 |
| YIQ | 208.5740, 0.5990, -16.3690 |

Conversions

Conversions Part 2

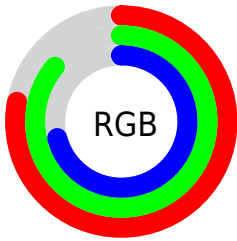
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 180, 219, 200 |
| Decimal | 13097908 |
| CIELab | 85.05, -13.60, 16.96 |
| CIELCh | 85, 21.743, 128.719 |
| Yxy | 66.1004, 0.3243, 0.3752 |
| Android (android.graphics.Color) | 4291287988 (0xFFC7DBB4) |
| YUV | 208.5740, -14.0870, -8.3964 |
| Hunter-Lab | 81.3022, -16.8647, 18.3135 |

Details

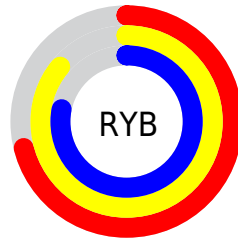
The XYZ color **57.1229, 66.1004, 52.9280** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.9295, 50.0382, 73.8900**, and the grayscale version is **60.4169, 63.5633, 69.2204**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **28.7833, 34.1030, 25.1442** is the 20% darker color. If you saturate the color by 10%, you get **52.1951, 63.7998, 41.9571**, and if you desaturate by 10%, it is **62.6268, 68.6612, 65.7687**.

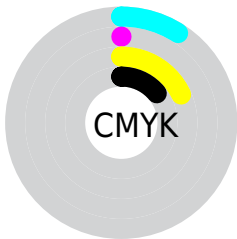
Distribution



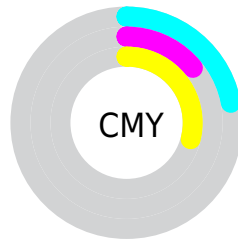
- Red (78%)
- Green (86%)
- Blue (71%)



- Red (71%)
- Yellow (86%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1229, 66.1004, 52.9280 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 57.1229, 66.1004, 52.9280 by changing the saturation by 10% instead.

■ 57.1229, 66.1004,
52.9280

■ 57.1229, 66.1004,
52.9280

403.9164,
446.7359, 415.0673

■ 41.3444, 48.3539,
37.3580

■ 99.7748, 113.6304,
95.9389

■ 28.7772, 34.1072,
25.1868

127.3790,
144.1827, 124.2168

■ 19.0558, 22.9760,
15.9960

159.6558,
179.7725, 157.5678

■ 11.8148, 14.5758,
9.3670

196.9705,
220.7840, 196.4104

■ 6.6890, 8.5222,
4.8813

239.6886,
267.6017, 241.1630

■ 3.3130, 4.4309,
2.1202

288.1754,

■ 1.3214, 1.9174,

320.6100, 292.2444

0.6278

342.7962,
380.1932, 350.0730

■ 0.1991, 0.5588,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1229, 66.1004,
52.9280

■ 57.1229, 66.1004,
52.9280

■ 52.1951, 63.7998,
41.9571

■ 62.6268, 68.6612,
65.7687

■ 47.8170, 61.7417,
32.7646

■ 68.7215, 71.4822,
80.5564

■ 43.9675, 59.9193,
25.2576

■ 75.4277, 74.5742,
97.3691

■ 40.6221, 58.3224,
19.3334

■ 80.6670, 77.1064,
105.2392

■ 37.7539, 56.9394,
14.8779

■ 84.6228, 79.1457,
105.4243

■ 35.3330, 55.7579,
11.7616

■ 33.3248, 54.7632,
9.8327

■ 31.6832, 53.9364,
8.8787

■ 31.3579, 53.7717,
8.7262

Harmonies

Analogous

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



61.4110, 66.1004, 48.4870



57.1229, 66.1004, 52.9280



54.4604, 66.1004, 62.6280

Triad

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



57.1229, 66.1004, 52.9280



59.4729, 66.1004, 100.1151



72.5934, 66.1004, 67.9642

Complementary

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



57.1229, 66.1004, 52.9280



52.9295, 50.0382, 73.8900

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.



72.0082, 66.1004, 82.2023



57.1229, 66.1004, 52.9280



64.2635, 66.1004, 102.0289

Square

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



57.1229, 66.1004, 52.9280



55.7674, 66.1004, 90.1775



68.8975, 66.1004, 95.1108



70.4574, 66.1004, 56.3983

Rectangle

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



57.1229, 66.1004, 52.9280



53.8813, 66.1004, 71.3712



68.8975, 66.1004, 95.1108



72.7106, 66.1004, 72.5764

Sweetspot

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



57.1247, 66.1033, 52.9294



90.6996, 97.9866, 98.3343



57.9928, 59.4351, 51.5966



19.2863, 20.9142, 20.7420



0.0000, 0.0000, 0.0000



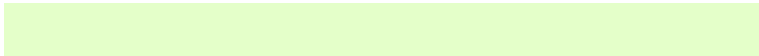
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1247, 66.1033, 52.9294



78.2032, 92.1763, 69.2063



52.3941, 63.6646, 52.7080



13.4873, 14.9159, 13.8938



18.7184, 31.9472, 5.1799



1.3119, 2.1209, 0.3402

Inverse Universe

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



52.9295, 50.0382, 73.8900



71.3277, 65.8475, 103.5582



58.3234, 52.8189, 74.1424



12.9723, 12.9439, 16.4668



11.6951, 5.1532, 40.1167



0.8571, 0.3851, 2.6036

Previews

White Background



This preview shows how the XYZ color 57.1229, 66.1004, 52.9280 looks on a white background.

Color Contrast Check

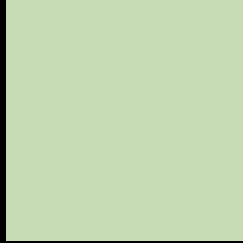
Large Text (above 18pt) WCAG AA × Fail

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 57.1229, 66.1004, 52.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

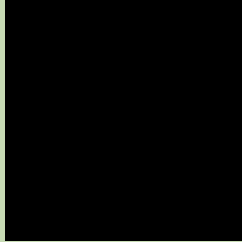
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

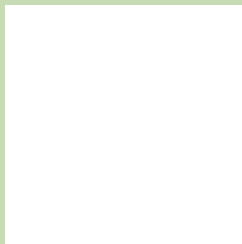
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1229, 66.1004, 52.9280

Background



This preview shows how black text looks on a background with the XYZ color 57.1229, 66.1004, 52.9280.



This preview shows how white text looks on a background with the XYZ color 57.1229, 66.1004,

52.9280.

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

57.1229, 66.1004, 52.9280

Protanopia

62.1204, 66.0688, 50.5528

Deuteranopia

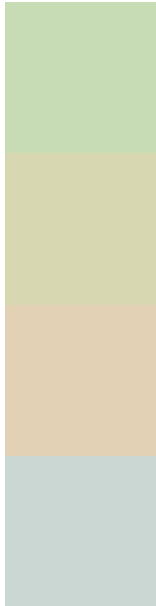
67.1023, 65.6593, 53.9366



Tritanopia

63.1399, 65.8659, 83.5143

Trichromacy



Original Color

57.1229, 66.1004, 52.9280

Protanomaly

60.2606, 66.2223, 51.2011

Deuteranomaly

62.9225, 65.3092, 53.5455

Tritanomaly

60.6869, 66.0005, 71.1689

Monochromacy



Original Color

57.1229, 66.1004, 52.9280

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.1641, 64.6449, 62.7855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1229, 66.1004, 52.9280 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(199, 219, 180)` looks like.

```
.text, #text, p{  
    color:rgb(199, 219, 180)  
}
```

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(199, 219, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 219, 180) }
```

Border

The CSS property to change the border of an element to XYZ 57.1229, 66.1004, 52.9280 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(199, 219, 180) }
```


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

```
.border{ border-color:rgb(199, 219, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 219, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 219, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 219, 180);  
box-shadow:4px 4px 4px 4px rgb(199, 219,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1229, 66.1004, 52.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 219, 180) }
```

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

```
.background{ background-color: rgb(199,  
219, 180) }
```

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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