

Converting Colors

XYZ(57.3681, 57.1888, 54.4693)

Have a look what the booklet for
XYZ(57.3681, 57.1888, 54.4693)
contains.

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Color

**XYZ(57.3681, 57.1888,
54.4693)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC2BA
RGB	219, 194, 186
RGB Percent	86%, 76%, 73%
CMY	0.1412, 0.2392, 0.2706
CMYK	0.00, 0.11, 0.15, 0.14
HSL	15°, 31%, 79%
HSV	15°, 15%, 86%
XYZ	57.3681, 57.1888, 54.4693
YIQ	200.5630, 17.4680, 2.8120

Conversions

Conversions Part 2

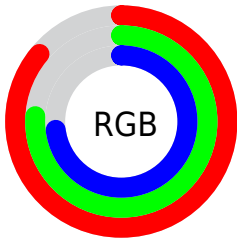
Format	Color
R _Y B	219, 197, 186
Decimal	14402234
CIE Lab	80.29, 7.53, 7.24
CIE LCh	80, 10.446, 43.893
Yxy	57.1888, 0.3394, 0.3383
Android (android.graphics.Color)	4292592314 (0xFFDBC2BA)
YUV	200.5630, -7.1796, 16.1692
Hunter-Lab	75.6233, 3.0700, 10.2314

Details

The XYZ color **57.3681, 57.1888, 54.4693** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3298, 62.1407, 76.0437**, and the grayscale version is **55.2836, 58.1627, 63.3392**.

A 20% lighter version of the original color is **91.4526, 96.0420, 97.7223**, and **28.9216, 28.3421, 26.1365** is the 20% darker color. If you saturate the color by 10%, you get **51.7283, 49.3535, 41.9698**, and if you desaturate by 10%, it is **63.7801, 65.9962, 68.9880**.

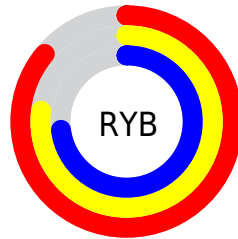
Distribution



Red (86%)

Green (76%)

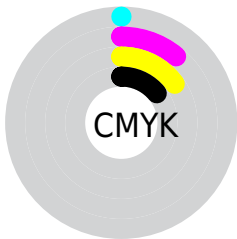
Blue (73%)



Red (86%)

Yellow (77%)

Blue (73%)

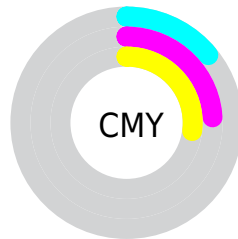


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (14%)



Cyan (14%)


Magenta (24%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3681, 57.1888, 54.4693 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 57.3681, 57.1888, 54.4693 by changing the saturation by 10% instead.

 57.3681, 57.1888,
54.4693

 57.3681, 57.1888,
54.4693


404.8191,
414.1564, 421.1222

 41.5421, 41.1568,
38.5813


 100.1304,
100.7406, 98.2263

 28.9325, 28.4417,
26.1288

127.7974,
129.0293, 126.9323

 19.1738, 18.6589,
16.6934


160.1421,
162.1723, 160.7481

 11.9007, 11.4240,
9.8565

197.5299,
200.5540, 200.0922

 6.7478, 6.3528,
5.1996

240.3262,
244.5589, 245.3831

 3.3498, 3.0608,
2.3040

288.8962,

 1.3413, 1.1635,

294.5713, 297.0394

0.7335

343.6054,
350.9757, 355.4796

■ 0.2138, 0.0316,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3681, 57.1888,
54.4693

■ 57.3681, 57.1888,
54.4693

■ 51.7283, 49.3535,
41.9698

■ 63.7801, 65.9962,
68.9880

■ 46.8262, 42.4492,
31.3960

■ 70.9875, 75.7999,
85.6063

■ 42.6318, 36.4430,
22.6526

■ 79.0186, 86.6326,
104.4048

■ 39.1111, 31.2974,
15.6345

■ 83.0236, 93.8002,
108.3372

■ 36.2271, 26.9718,
10.2259

■ 33.9388, 23.4225,
6.2967

■ 32.2004, 20.6011,
3.6963

■ 30.9576, 18.4534,
2.2408

■ 30.4921, 17.6172,
1.7933

Harmonies

Analogous

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



58.4389, 57.1888, 59.4888



57.3681, 57.1888, 54.4693



55.5029, 57.1888, 51.6442

Triad

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



57.3681, 57.1888, 54.4693



50.5074, 57.1888, 59.0642



55.3477, 57.1888, 74.3914

Complementary

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



57.3681, 57.1888, 54.4693



56.3298, 62.1407, 76.0437

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.



53.2254, 57.1888, 74.2591



57.3681, 57.1888, 54.4693



50.4683, 57.1888, 65.1342

Square

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



57.3681, 57.1888, 54.4693



51.5599, 57.1888, 54.1761



51.4517, 57.1888, 70.7796



57.2519, 57.1888, 71.1300

Rectangle

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



57.3681, 57.1888, 54.4693



54.0780, 57.1888, 51.2618



51.4517, 57.1888, 70.7796



54.6354, 57.1888, 74.7486

Sweetspot

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



57.3697, 57.1914, 54.4705



90.0607, 93.1981, 97.4437



58.5685, 54.8968, 69.3352



19.1315, 19.7498, 20.5254



0.0000, 0.0000, 0.0000



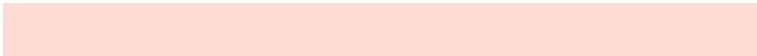
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3697, 57.1914, 54.4705



78.4154, 77.1772, 71.1503



61.1729, 64.7978, 55.7383



13.3112, 13.5618, 13.6417



18.1522, 10.5899, 1.0873



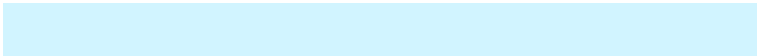
1.2434, 0.8209, 0.0929

Inverse Universe

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



56.3298, 62.1407, 76.0437



76.6835, 85.4113, 107.0521



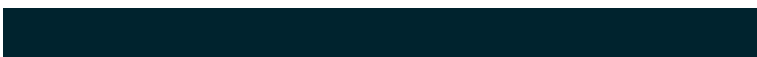
52.5069, 54.4950, 74.7695



13.1634, 14.2665, 16.7121



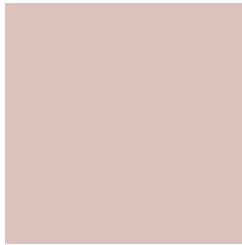
15.7439, 19.3573, 42.6449



1.0854, 1.3849, 2.7845

Previews

White Background



This preview shows how the XYZ color 57.3681, 57.1888, 54.4693 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 57.3681, 57.1888, 54.4693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

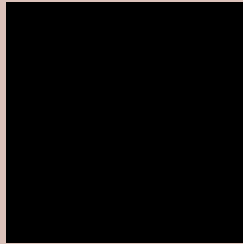
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3681, 57.1888, 54.4693

Background



This preview shows how black text looks on a background with the XYZ color 57.3681, 57.1888, 54.4693.

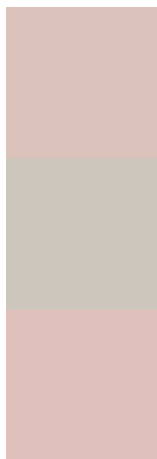


This preview shows how white text looks on a background with the XYZ color 57.3681, 57.1888,

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

57.3681, 57.1888, 54.4693

Protanopia

54.4480, 56.9981, 55.7090

Deuteranopia

58.1440, 56.9324, 54.3789



Tritanopia

59.8956, 57.2474, 66.2855

Trichromacy



Original Color

57.3681, 57.1888, 54.4693

Protanomaly

55.5142, 57.2220, 55.1327

Deuteranomaly

58.0571, 57.2147, 54.4380

Tritanomaly

58.9772, 57.1949, 61.9641

Monochromacy



Original Color

57.3681, 57.1888, 54.4693

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.1703, 57.7836, 60.4174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3681, 57.1888, 54.4693 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(219, 194, 186)` looks like.

```
.text, #text, p{  
    color:rgb(219, 194, 186)  
}
```

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(219, 194, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 194, 186) }
```

Border

The CSS property to change the border of an element to XYZ 57.3681, 57.1888, 54.4693 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(219, 194, 186) }
```


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

```
.border{ border-color:rgb(219, 194, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 194, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 194, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 194, 186);  
box-shadow:4px 4px 4px 4px rgb(219, 194,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3681, 57.1888, 54.4693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 194, 186) }
```

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

```
.background{ background-color: rgb(219,  
194, 186) }
```

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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