

Converting Colors

XYZ(57.2096, 60.3406, 54.9199)

Have a look what the booklet for
XYZ(57.2096, 60.3406, 54.9199)
contains.

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Color

**XYZ(57.0828, 60.1059,
55.0474)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CBBA
RGB	211, 203, 186
RGB Percent	83%, 80%, 73%
CMY	0.1725, 0.2039, 0.2706
CMYK	0.00, 0.04, 0.12, 0.17
HSL	41°, 22%, 78%
HSV	41°, 12%, 83%
XYZ	57.0828, 60.1059, 55.0474
YIQ	203.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

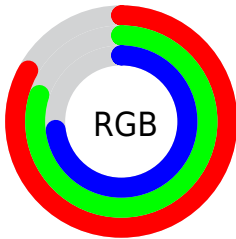
Format	Color
RYB	198, 211, 186
Decimal	13880250
CIELab	81.90, -0.11, 9.46
CIELCh	82, 9.460, 90.687
Yxy	60.1059, 0.3314, 0.3490
Android (android.graphics.Color)	4292070330 (0xFFD3CBBA)
YUV	203.4540, -8.6048, 6.6178
Hunter-Lab	77.5280, -4.2469, 12.1718

Details

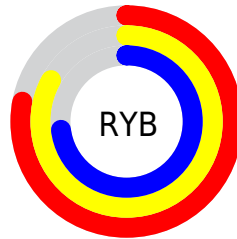
The XYZ color **57.0828, 60.1059, 55.0474** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2992, 53.7248, 69.2947**, and the grayscale version is **57.0995, 60.0731, 65.4196**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **28.6914, 30.2563, 26.5181** is the 20% darker color. If you saturate the color by 10%, you get **53.4446, 56.1578, 43.5730**, and if you desaturate by 10%, it is **61.1249, 64.3306, 68.2921**.

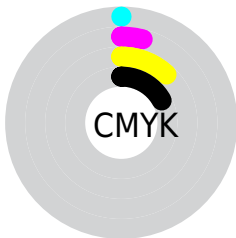
Distribution



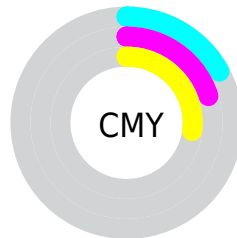
- Red (83%)
- Green (80%)
- Blue (73%)



- Red (78%)
- Yellow (83%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0828, 60.1059, 55.0474 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 57.0828, 60.1059, 55.0474 by changing the saturation by 10% instead.

■ 57.0828, 60.1059,
55.0474

■ 57.0828, 60.1059,
55.0474

403.7687,
424.9880, 423.3786

■ 41.3121, 43.5040,
39.0408

■ 99.7167, 104.9833,
99.0822

■ 28.7518, 30.2808,
26.4834

127.3105,
134.0275, 127.9476

■ 19.0365, 20.0518,
16.9566

159.5762,
167.9880, 161.9363

■ 11.8008, 12.4327,
10.0419

196.8790,
207.2492, 201.4668

■ 6.6794, 7.0391,
5.3208

239.5843,
252.1954, 246.9578

■ 3.3070, 3.4866,
2.3747

288.0574,

■ 1.3181, 1.3907,

303.2110, 298.8277

0.7726

342.6638,
360.6804, 357.4951

■ 0.1967, 0.2099,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0828, 60.1059,
55.0474

■ 57.0828, 60.1059,
55.0474

■ 53.4446, 56.1578,
43.5730

■ 61.1249, 64.3306,
68.2921

■ 50.1902, 52.4707,
33.7886

■ 65.5805, 68.8311,
83.3750

■ 47.3046, 49.0395,
25.6134

■ 70.4649, 73.6169,
100.3651

■ 44.7702, 45.8554,
18.9583

■ 73.2108, 77.6622,
105.7394

■ 42.5676, 42.9093,
13.7256

■ 75.1254, 81.4914,
106.3776

■ 40.6751, 40.1911,
9.8063

■ 77.1135, 85.4677,
107.0403

■ 39.0681, 37.6892,
7.0749

■ 79.1759, 89.5925,
107.7278

■ 37.7171, 35.3903,
5.3817

■ 80.6742, 92.5890,
108.2272

■ 36.7642, 33.6490,
4.5572

Harmonies

Analogous

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



59.0306, 60.1059, 56.3117



57.0828, 60.1059, 55.0474



55.1904, 60.1059, 56.4311

Triad

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



57.0828, 60.1059, 55.0474



53.8880, 60.1059, 71.2229



60.5449, 60.1059, 70.9814

Complementary

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



57.0828, 60.1059, 55.0474



51.2992, 53.7248, 69.2947

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.



59.1122, 60.1059, 75.3712



57.0828, 60.1059, 55.0474



55.2684, 60.1059, 75.5163

Square

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



57.0828, 60.1059, 55.0474



53.3725, 60.1059, 65.5771



57.1749, 60.1059, 77.0760



61.0575, 60.1059, 65.3133

Rectangle

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



57.0828, 60.1059, 55.0474



54.2075, 60.1059, 58.7183



57.1749, 60.1059, 77.0760



60.1534, 60.1059, 72.6670

Sweetspot

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



57.0844, 60.1085, 55.0487



92.4190, 97.2965, 100.1353



54.1987, 52.8776, 58.5860



19.6780, 20.7183, 21.0913



0.0000, 0.0000, 0.0000



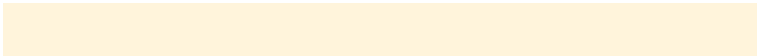
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0844, 60.1085, 55.0487



86.2907, 90.8403, 80.2110



57.8434, 63.3757, 55.6393



12.4713, 13.1334, 12.4897



22.2831, 20.4992, 2.7823



1.3159, 1.2861, 0.1789

Inverse Universe

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



51.2992, 53.7248, 69.2947



75.8508, 79.3208, 105.9204



50.5944, 50.7905, 68.7655



11.4679, 12.0261, 14.9605



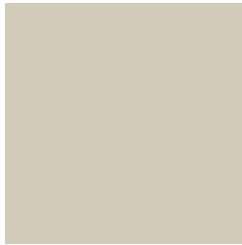
8.4071, 5.4607, 37.8034



0.5413, 0.4478, 2.1375

Previews

White Background



This preview shows how the XYZ color 57.0828, 60.1059, 55.0474 looks on a white background.

Color Contrast Check

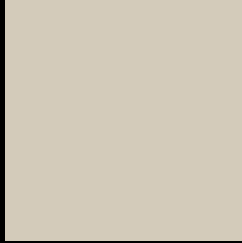
Large Text (above 18pt) WCAG AA × Fail

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 57.0828, 60.1059, 55.0474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

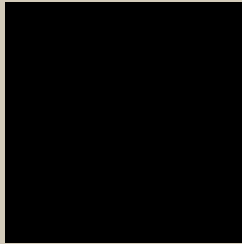
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

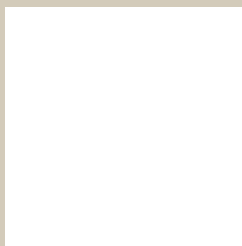
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0828, 60.1059, 55.0474

Background



This preview shows how black text looks on a background with the XYZ color 57.0828, 60.1059, 55.0474.

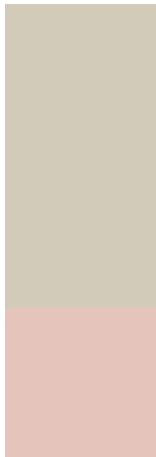


This preview shows how white text looks on a background with the XYZ color 57.0828, 60.1059,

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

57.0828, 60.1059, 55.0474

Protanopia

57.0828, 60.1059, 55.0474

Deuteranopia

61.0227, 59.7257, 55.3257



Tritanopia

60.5854, 60.1490, 72.0350

Trichromacy



Original Color

57.0828, 60.1059, 55.0474

Protanomaly

57.0828, 60.1059, 55.0474

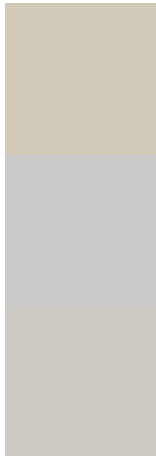
Deuteranomaly

59.5173, 59.9643, 55.4511

Tritanomaly

59.2849, 59.9643, 65.5764

Monochromacy



Original Color

57.0828, 60.1059, 55.0474

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8876, 59.8649, 61.3801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0828, 60.1059, 55.0474 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(211, 203, 186) looks like.

```
.text, #text, p{  
    color:rgb(211, 203, 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(211, 203, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 203, 186) }
```

Border

The CSS property to change the border of an element to XYZ 57.0828, 60.1059, 55.0474 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(211, 203, 186) }
```


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

```
.border{ border-color:rgb(211, 203, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 203, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 203, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 203, 186);  
box-shadow:4px 4px 4px 4px rgb(211, 203,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0828, 60.1059, 55.0474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 203, 186) }
```

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

```
.background{ background-color: rgb(211,  
203, 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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