

Converting Colors

XYZ(58.6057, 58.9258, 55.9694)

Have a look what the booklet for
XYZ(58.6057, 58.9258, 55.9694)
contains.

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Color

**XYZ(58.5586, 58.7790,
55.8361)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DCC5BC |
| RGB | 220, 197, 188 |
| RGB Percent | 86%, 77%, 74% |
| CMY | 0.1373, 0.2274, 0.2627 |
| CMYK | 0.00, 0.10, 0.15, 0.14 |
| HSL | 17°, 31%, 80% |
| HSV | 17°, 15%, 86% |
| XYZ | 58.5586, 58.7790, 55.8361 |
| YIQ | 202.8510, 16.5970, 2.0770 |

Conversions

Conversions Part 2

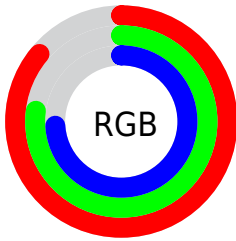
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 220, 201, 188 |
| Decimal | 14468540 |
| CIE Lab | 81.17, 6.62, 7.45 |
| CIE LCh | 81, 9.966, 48.380 |
| Yxy | 58.7790, 0.3381, 0.3394 |
| Android (android.graphics.Color) | 4292658620 (0xFFDCC5BC) |
| YUV | 202.8510, -7.3215, 15.0397 |
| Hunter-Lab | 76.6675, 2.1702, 10.4869 |

Details

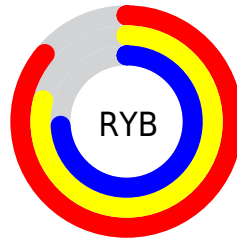
The XYZ color **58.5586, 58.7790, 55.8361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9514, 62.4460, 76.7624**, and the grayscale version is **56.7098, 59.6631, 64.9731**.

A 20% lighter version of the original color is **93.0109, 98.6753, 99.7320**, and **29.7127, 29.3935, 27.0292** is the 20% darker color. If you saturate the color by 10%, you get **52.9622, 51.0963, 43.1482**, and if you desaturate by 10%, it is **64.8963, 67.3646, 70.5561**.

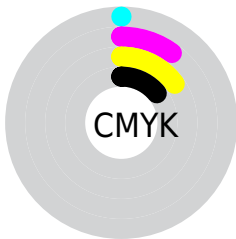
Distribution



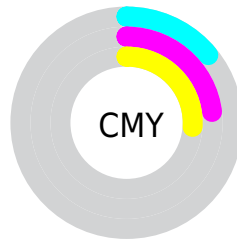
- Red (86%)
- Green (77%)
- Blue (74%)



- Red (86%)
- Yellow (79%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (14%)





- Cyan (14%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5586, 58.7790, 55.8361 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 58.5586, 58.7790, 55.8361 by changing the saturation by 10% instead.

 58.5586, 58.7790,
55.8361

 58.5586, 58.7790,
55.8361


409.1846,
420.0824, 426.4445

 42.5029, 42.4352,
39.6684


 101.8542,
103.0564, 100.2483

 29.6881, 29.4422,
26.9683


129.8247,
131.7588, 129.3299

 19.7489, 19.4156,
17.3172


162.4976,
165.3496, 163.5532

 12.3198, 11.9710,
10.2965

200.2382,
204.2131, 203.3368

 7.0356, 6.7239,
5.4879

243.4119,
248.7337, 249.0992

 3.5309, 3.2901,
2.4725

292.3839,

 1.4403, 1.2850,

299.2959, 301.2589

0.8256

347.5197,
356.2840, 360.2345

■ 0.2847, 0.1295,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5586, 58.7790,
55.8361

■ 58.5586, 58.7790,
55.8361

■ 52.9622, 51.0963,
43.1482

■ 64.8963, 67.3646,
70.5561

■ 48.0744, 44.2790,
32.3990

■ 71.9969, 76.8734,
87.3886

■ 43.8672, 38.2985,
23.4931

■ 79.8869, 87.3350,
106.4143

■ 40.3086, 33.1215,
16.3255

■ 83.3255, 93.9558,
108.3513

■ 37.3639, 28.7124,
10.7807

■ 34.9951, 25.0328,
6.7289

■ 33.1589, 22.0407,
4.0201

■ 31.8051, 19.6888,
2.4719

■ 31.2328, 18.6504,
1.9537

Harmonies

Analogous

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



59.7384, 58.7790, 60.4661



58.5586, 58.7790, 55.8361



56.6748, 58.7790, 53.4521

Triad

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



58.5586, 58.7790, 55.8361



52.0517, 58.7790, 61.7272



57.1346, 58.7790, 75.4626

Complementary

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



58.5586, 58.7790, 55.8361



56.9514, 62.4460, 76.7624

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.



55.0682, 58.7790, 75.8523



58.5586, 58.7790, 55.8361



52.1679, 58.7790, 67.6697

Square

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



58.5586, 58.7790, 55.8361



52.9391, 58.7790, 56.7100



53.2605, 58.7790, 72.9240



58.9024, 58.7790, 71.8901

Rectangle

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



58.5586, 58.7790, 55.8361



55.2885, 58.7790, 53.3527



53.2605, 58.7790, 72.9240



56.4509, 58.7790, 75.9780

Sweetspot

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



58.5602, 58.7816, 55.8373



91.1569, 94.7724, 99.7146



59.3156, 55.9095, 69.6013



19.3588, 20.0798, 20.9849



0.0000, 0.0000, 0.0000



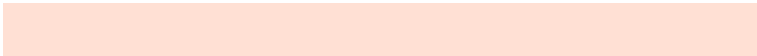
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5602, 58.7816, 55.8373



79.6942, 79.2252, 73.1478



62.2701, 66.2013, 57.0740



13.3529, 13.6451, 13.6556



18.4117, 11.1090, 1.1739



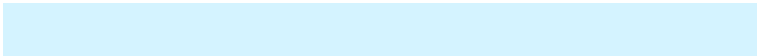
1.2651, 0.8642, 0.1001

Inverse Universe

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



56.9514, 62.4460, 76.7624



77.0921, 85.1481, 106.9798



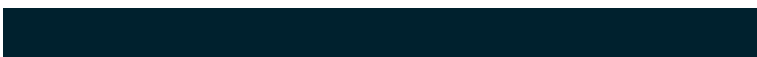
53.2780, 55.0992, 75.5380



13.1191, 14.1780, 16.6973



14.8659, 17.6013, 42.3523



1.0346, 1.2833, 2.7676

Previews

White Background



This preview shows how the XYZ color 58.5586, 58.7790, 55.8361 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 58.5586, 58.7790, 55.8361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

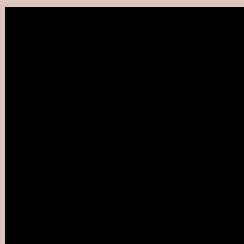
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5586, 58.7790, 55.8361

Background



This preview shows how black text looks on a background with the XYZ color 58.5586, 58.7790, 55.8361.



This preview shows how white text looks on a background with the XYZ color 58.5586, 58.7790,

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

58.5586, 58.7790, 55.8361

Protanopia

56.1933, 58.9009, 57.1225

Deuteranopia

59.9562, 58.8298, 55.7722



Tritanopia

61.2318, 58.8750, 68.4583

Trichromacy



Original Color

58.5586, 58.7790, 55.8361

Protanomaly

56.9910, 58.9797, 56.5246

Deuteranomaly

59.5575, 58.9580, 55.8180

Tritanomaly

60.1819, 58.7769, 63.4315

Monochromacy



Original Color

58.5586, 58.7790, 55.8361

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3742, 59.4058, 61.8686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5586, 58.7790, 55.8361 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(220, 197, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 197, 188)  
}
```

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(220, 197, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 197, 188) }
```

Border

The CSS property to change the border of an element to XYZ 58.5586, 58.7790, 55.8361 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(220, 197, 188) }
```


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

```
.border{ border-color:rgb(220, 197, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 197, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 197, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 197, 188);  
box-shadow:4px 4px 4px 4px rgb(220, 197,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5586, 58.7790, 55.8361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 197, 188) }
```

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

```
.background{ background-color: rgb(220,  
197, 188) }
```

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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