

Converting Colors

XYZ(58.1499, 57.7306, 55.1875)

Have a look what the booklet for
XYZ(58.1499, 57.7306, 55.1875)
contains.

XYZ(58.0802, 57.5436, 55.0596)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.0802, 57.5436,
55.0596)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC2BB
RGB	221, 194, 187
RGB Percent	87%, 76%, 73%
CMY	0.1333, 0.2392, 0.2667
CMYK	0.00, 0.12, 0.15, 0.13
HSL	12°, 33%, 80%
HSV	12°, 15%, 87%
XYZ	58.0802, 57.5436, 55.0596
YIQ	201.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

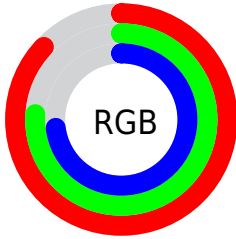
Format	Color
R _Y B	221, 196, 187
Decimal	14533307
CIE Lab	80.48, 8.41, 7.01
CIE LCh	80, 10.953, 39.818
Yxy	57.5436, 0.3403, 0.3371
Android (android.graphics.Color)	4292723387 (0xFFDDC2BB)
YUV	201.2750, -7.0376, 17.2988
Hunter-Lab	75.8575, 3.9177, 10.0658

Details

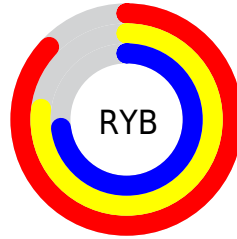
The XYZ color **58.0802, 57.5436, 55.0596** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5908, 63.8769, 77.7011**, and the grayscale version is **55.7236, 58.6255, 63.8432**.

A 20% lighter version of the original color is **91.9148, 96.7254, 98.6195**, and **29.4070, 28.5844, 26.5217** is the 20% darker color. If you saturate the color by 10%, you get **52.2169, 49.3159, 42.3171**, and if you desaturate by 10%, it is **64.7720, 66.8444, 69.8759**.

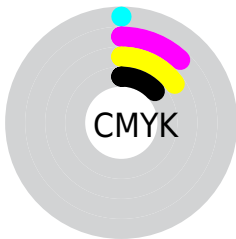
Distribution



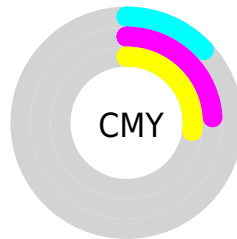
- Red (87%)
- Green (76%)
- Blue (73%)



- Red (87%)
- Yellow (77%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (15%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0802, 57.5436, 55.0596 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 58.0802, 57.5436, 55.0596 by changing the saturation by 10% instead.


 58.0802, 57.5436,
55.0596

 58.0802, 57.5436,
55.0596


407.4338,
415.4831, 423.4261

 42.1166, 41.4418,
39.0505


 101.1619,
101.2579, 99.1003

 29.3841, 28.6645,
26.4909


129.0108,
129.6393, 127.9690

 19.5174, 18.8272,
16.9622

161.5522,
162.8827, 161.9613

 12.1509, 11.5455,
10.0459

199.1514,
201.3724, 201.4958

 6.9195, 6.4350,
5.3234

242.1738,
245.4929, 246.9910

 3.4577, 3.1113,
2.3762

290.9848,

 1.4002, 1.1901,

295.6286, 298.8654

0.7734

345.9496,
352.1639, 357.5376

■ 0.2563, 0.0536,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0802, 57.5436,
55.0596

■ 58.0802, 57.5436,
55.0596

■ 52.2169, 49.3159,
42.3171

■ 64.7720, 66.8444,
69.8759

■ 47.1447, 42.1150,
31.5520

■ 72.3183, 77.2472,
86.8493

■ 42.8304, 35.9025,
22.6657

■ 80.7498, 88.7894,
106.0628

■ 39.2367, 30.6348,
15.5498

■ 83.6290, 94.1122,
108.3655

■ 36.3228, 26.2646,
10.0843

■ 34.0435, 22.7409,
6.1348

■ 32.3481, 20.0068,
3.5448

■ 31.1767, 17.9983,
2.1238

■ 30.7776, 17.2895,
1.7150

Harmonies

Analogous

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



59.0630, 57.5436, 60.5684



58.0802, 57.5436, 55.0596



56.1979, 57.5436, 51.7421

Triad

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



58.0802, 57.5436, 55.0596



50.7369, 57.5436, 58.4817



55.4337, 57.5436, 75.6582

Complementary

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



58.0802, 57.5436, 55.0596



57.5908, 63.8769, 77.7011

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.



53.2161, 57.5436, 75.0040



58.0802, 57.5436, 55.0596



50.5450, 57.5436, 64.7894

Square

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



58.0802, 57.5436, 55.0596



51.9727, 57.5436, 53.6221



51.4410, 57.5436, 70.9191



57.5076, 57.5436, 72.6498

Rectangle

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



58.0802, 57.5436, 55.0596



54.7072, 57.5436, 51.0762



51.4410, 57.5436, 70.9191



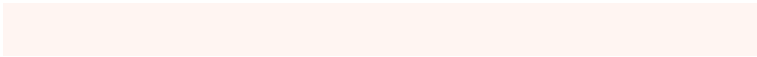
54.6798, 57.5436, 75.8639

Sweetspot

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



58.0818, 57.5462, 55.0608



89.9197, 92.9160, 97.3967



59.7529, 55.7788, 71.3699



19.0974, 19.6814, 20.5140



0.0000, 0.0000, 0.0000



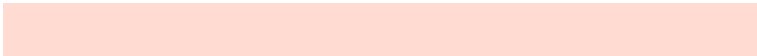
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0818, 57.5462, 55.0608



77.9768, 76.2999, 71.0041



62.0336, 65.4498, 56.3781



13.2723, 13.4839, 13.6287



17.9446, 10.1749, 1.0182



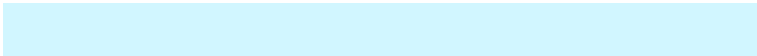
1.2248, 0.7838, 0.0867

Inverse Universe

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



57.5908, 63.8769, 77.7011



77.1901, 86.4246, 107.2210



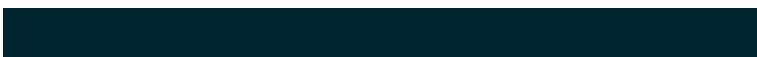
53.5571, 55.8094, 76.3566



13.2053, 14.3503, 16.7260



16.6240, 21.1175, 42.9383



1.1356, 1.4853, 2.8013

Previews

White Background



This preview shows how the XYZ color 58.0802, 57.5436, 55.0596 looks on a white background.

Color Contrast Check

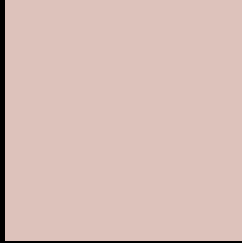
Large Text (above 18pt) WCAG AA × Fail

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 58.0802, 57.5436, 55.0596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

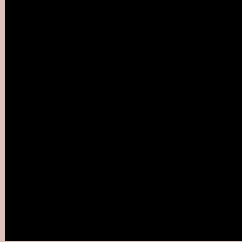
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0802, 57.5436, 55.0596

Background



This preview shows how black text looks on a background with the XYZ color 58.0802, 57.5436, 55.0596.



This preview shows how white text looks on a background with the XYZ color 58.0802, 57.5436,

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

58.0802, 57.5436, 55.0596

Protanopia

55.1713, 57.6864, 56.9419

Deuteranopia

58.7801, 57.5751, 55.0288



Tritanopia

60.2028, 57.4058, 66.2999

Trichromacy



Original Color

58.0802, 57.5436, 55.0596

Protanomaly

56.0155, 57.4555, 56.2818

Deuteranomaly

58.4710, 57.4158, 55.0143

Tritanomaly

59.2826, 57.3524, 61.9784

Monochromacy



Original Color

58.0802, 57.5436, 55.0596

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 58.0802, 57.5436, 55.0596 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(221, 194, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 194, 187)  
}
```

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(221, 194, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 194, 187) }
```

Border

The CSS property to change the border of an element to XYZ 58.0802, 57.5436, 55.0596 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(221, 194, 187) }
```


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

```
.border{ border-color:rgb(221, 194, 187) }
```

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

Here you see how a box with a 4 pixel rgb(221, 194, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 194, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 194, 187);  
box-shadow:4px 4px 4px 4px rgb(221, 194,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0802, 57.5436, 55.0596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 194, 187) }
```

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

```
.background{ background-color: rgb(221,  
194, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor