

Converting Colors

XYZ(57.8351, 57.9755, 55.8227)

Have a look what the booklet for
XYZ(57.8351, 57.9755, 55.8227)
contains.

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Color

**XYZ(57.7305, 58.0161,
55.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC4BC
RGB	218, 196, 188
RGB Percent	85%, 77%, 74%
CMY	0.1451, 0.2314, 0.2627
CMYK	0.00, 0.10, 0.14, 0.15
HSL	16°, 29%, 80%
HSV	16°, 14%, 85%
XYZ	57.7305, 58.0161, 55.7325
YIQ	201.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

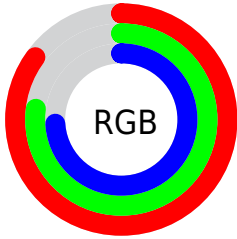
Format	Color
R _Y B	218, 199, 188
Decimal	14337212
CIE Lab	80.75, 6.42, 6.82
CIE LCh	81, 9.370, 46.717
Yxy	58.0161, 0.3367, 0.3383
Android (android.graphics.Color)	4292527292 (0xFFDAC4BC)
YUV	201.6660, -6.7373, 14.3249
Hunter-Lab	76.1683, 1.9966, 9.9352

Details

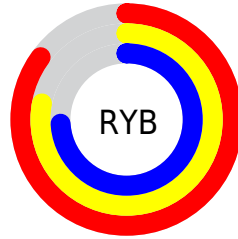
The XYZ color **57.7305, 58.0161, 55.7325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4404, 61.8454, 75.2930**, and the grayscale version is **55.9660, 58.8806, 64.1210**.

A 20% lighter version of the original color is **92.6944, 98.0422, 99.6265**, and **29.1504, 28.8818, 26.9600** is the 20% darker color. If you saturate the color by 10%, you get **52.1407, 50.3172, 43.1374**, and if you desaturate by 10%, it is **64.0627, 66.6304, 70.3278**.

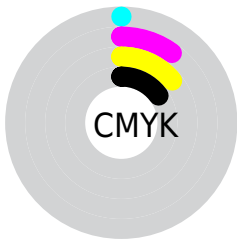
Distribution



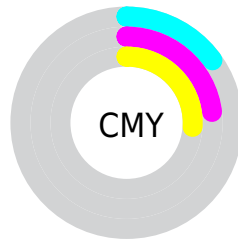
- Red (85%)
- Green (77%)
- Blue (74%)



- Red (85%)
- Yellow (78%)
- Blue (74%)



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




- Cyan (15%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7305, 58.0161, 55.7325 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 57.7305, 58.0161, 55.7325 by changing the saturation by 10% instead.


 57.7305, 58.0161,
55.7325

 57.7305, 58.0161,
55.7325

406.1510,
417.2459, 426.0426

 41.8344, 41.8216,
39.5859


 100.6555,
101.9463, 100.0952

 29.1622, 28.9616,
26.9045


128.4152,
130.4508, 129.1485

 19.3485, 19.0518,
17.2697


160.8601,
163.8274, 163.3411

 12.0278, 11.7077,
10.2630


198.3557,
202.4605, 203.0915

 6.8350, 6.5450,
5.4658

241.2672,
246.7345, 248.8183

 3.4045, 3.1792,
2.4596

289.9600,

 1.3711, 1.2260,

297.0338, 300.9401

0.8186

344.7995,
353.7428, 359.8753

■ 0.2355, 0.0828,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7305, 58.0161,
55.7325

■ 57.7305, 58.0161,
55.7325

■ 52.1407, 50.3172,
43.1374

■ 64.0627, 66.6304,
70.3278

■ 47.2606, 43.4957,
32.4513

■ 71.1587, 76.1812,
87.0016

■ 43.0622, 37.5222,
23.5812

■ 79.0452, 86.6986,
105.8328

■ 39.5136, 32.3626,
16.4249

■ 82.7237, 93.6456,
108.3231

■ 36.5803, 27.9806,
10.8701

■ 34.2242, 24.3368,
6.7909

■ 32.4025, 21.3882,
4.0420

■ 31.0655, 19.0866,
2.4482

■ 30.4349, 17.9480,
1.8602

Harmonies

Analogous

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



58.7798, 58.0161, 60.1567



57.7305, 58.0161, 55.7325



56.0010, 58.0161, 53.3650

Triad

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



57.7305, 58.0161, 55.7325



51.6034, 58.0161, 60.7552



56.2187, 58.0161, 73.9237

Complementary

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



57.7305, 58.0161, 55.7325



56.4404, 61.8454, 75.2930

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.



54.2929, 58.0161, 74.1073



57.7305, 58.0161, 55.7325



51.6586, 58.0161, 66.2816

Square

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



57.7305, 58.0161, 55.7325



52.4806, 58.0161, 56.1485



52.6331, 58.0161, 71.2407



57.8931, 58.0161, 70.7530

Rectangle

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



57.7305, 58.0161, 55.7325



54.7089, 58.0161, 53.1760



52.6331, 58.0161, 71.2407



55.5785, 58.0161, 74.3430

Sweetspot

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



57.7321, 58.0187, 55.7337



91.1113, 94.6812, 99.6994



58.5303, 55.5259, 68.6062



19.3473, 20.0568, 20.9810



0.0000, 0.0000, 0.0000



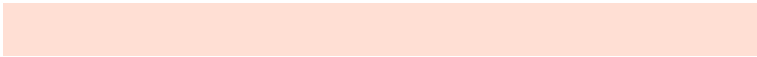
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7321, 58.0187, 55.7337



79.5248, 78.8864, 73.0913



61.2855, 65.1256, 56.9182



13.3372, 13.6138, 13.6504



18.3094, 10.9044, 1.1398



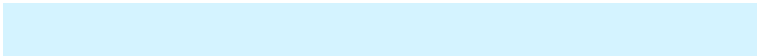
1.2567, 0.8475, 0.0973

Inverse Universe

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



56.4404, 61.8454, 75.2930



77.2814, 85.5266, 107.0429



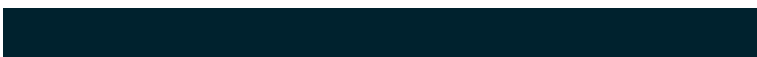
52.9098, 54.7844, 74.1161



13.1357, 14.2112, 16.7028



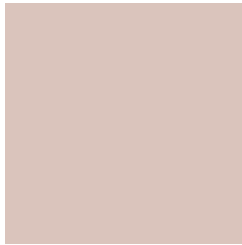
15.1888, 18.2470, 42.4599



1.0534, 1.3209, 2.7739

Previews

White Background



This preview shows how the XYZ color 57.7305, 58.0161, 55.7325 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 57.7305, 58.0161, 55.7325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

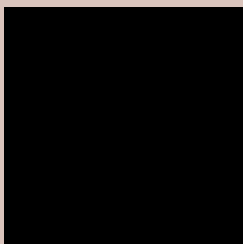
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

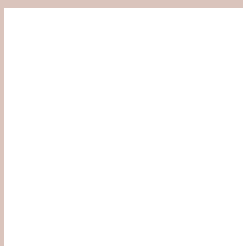
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7305, 58.0161, 55.7325

Background



This preview shows how black text looks on a background with the XYZ color 57.7305, 58.0161, 55.7325.



This preview shows how white text looks on a background with the XYZ color 57.7305, 58.0161,

55.7325.

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

57.7305, 58.0161, 55.7325

Protanopia

55.6807, 58.2917, 57.0319

Deuteranopia

59.1094, 58.0617, 55.6686



Tritanopia

60.2739, 58.0661, 67.7056

Trichromacy



Original Color

57.7305, 58.0161, 55.7325

Protanomaly

56.4727, 58.3699, 56.4342

Deuteranomaly

58.7164, 58.1906, 55.7142

Tritanomaly

59.3496, 58.0163, 63.3285

Monochromacy



Original Color

57.7305, 58.0161, 55.7325

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.7447, 58.7497, 61.1724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7305, 58.0161, 55.7325 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(218, 196, 188)` looks like.

```
.text, #text, p{  
    color:rgb(218, 196, 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(218, 196, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 196, 188) }
```

Border

The CSS property to change the border of an element to XYZ 57.7305, 58.0161, 55.7325 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(218, 196, 188) }
```


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

```
.border{ border-color:rgb(218, 196, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 196, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 196, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 196, 188);  
box-shadow:4px 4px 4px 4px rgb(218, 196,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7305, 58.0161, 55.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 196, 188) }
```

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

```
.background{ background-color: rgb(218,  
196, 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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