

Converting Colors

XYZ(55.7401, 58.5259, 55.1701)

Have a look what the booklet for
XYZ(55.7401, 58.5259, 55.1701)
contains.

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Color

**XYZ(55.6363, 58.3063,
55.3356)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C8BB
RGB	208, 200, 187
RGB Percent	82%, 78%, 73%
CMY	0.1843, 0.2157, 0.2667
CMYK	0.00, 0.04, 0.10, 0.18
HSL	37°, 18%, 77%
HSV	37°, 10%, 82%
XYZ	55.6363, 58.3063, 55.3356
YIQ	200.9100, 8.9410, -2.3470

Conversions

Conversions Part 2

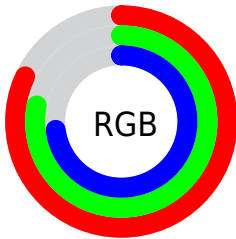
Format	Color
R _Y B	200, 208, 187
Decimal	13682875
CIE Lab	80.91, 0.55, 7.48
CIE LCh	81, 7.500, 85.819
Yxy	58.3063, 0.3287, 0.3444
Android (android.graphics.Color)	4291872955 (0xFFD0C8BB)
YUV	200.9100, -6.8576, 6.2179
Hunter-Lab	76.3586, -3.5690, 10.4847

Details

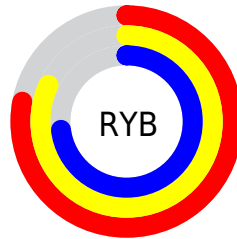
The XYZ color **55.6363, 58.3063, 55.3356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3936, 54.1480, 67.4179**, and the grayscale version is **55.5002, 58.3905, 63.5873**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **27.9084, 29.1490, 26.7097** is the 20% darker color. If you saturate the color by 10%, you get **51.7825, 53.9074, 43.8493**, and if you desaturate by 10%, it is **59.9110, 63.0294, 68.5548**.

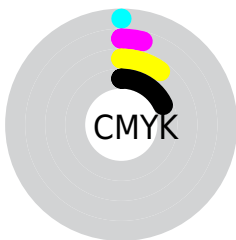
Distribution



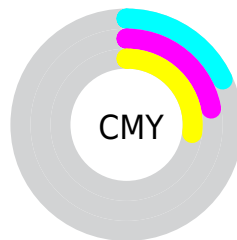
- Red (82%)
- Green (78%)
- Blue (73%)



- Red (78%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6363, 58.3063, 55.3356 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 55.6363, 58.3063, 55.3356 by changing the saturation by 10% instead.

■ 55.6363, 58.3063,
55.3356

■ 55.6363, 58.3063,
55.3356

398.4167,
418.3263, 424.5006

■ 40.1472, 42.0549,
39.2701

■ 97.6155, 102.3688,
99.5086

■ 27.8381, 29.1443,
26.6604

124.8364,
130.9487, 128.4531

■ 18.3435, 19.1900,
17.0882

156.6986,
164.4069, 162.5277

■ 11.2980, 11.8077,
10.1348

193.5674,
203.1278, 202.1509

■ 6.3364, 6.6128,
5.3816

235.8083,
247.4958, 247.7412

■ 3.0933, 3.2212,
2.4102

283.7866,

■ 1.2033, 1.2483,

297.8953, 299.7172

0.7920

337.8676,
354.7107, 358.4975

■ 0.1090, 0.1006,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6363, 58.3063,
55.3356

■ 55.6363, 58.3063,
55.3356

■ 51.7825, 53.9074,
43.8493

■ 59.9110, 63.0294,
68.5548

■ 48.3294, 49.8166,
34.0189

■ 64.6160, 68.0771,
83.5720

■ 45.2625, 46.0277,
25.7674

■ 69.7666, 73.4594,
100.4534

■ 42.5641, 42.5313,
19.0098

■ 72.8304, 78.1656,
105.8566

■ 40.2154, 39.3173,
13.6533

■ 75.1063, 82.7172,
106.6152

■ 38.1950, 36.3748,
9.5943

■ 77.4838, 87.4723,
107.4078

■ 36.4792, 33.6916,
6.7152

■ 79.8226, 92.1500,
108.1874

■ 35.0399, 31.2538,
4.8760

■ 33.8370, 29.0587,
3.8255

Harmonies

Analogous

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



57.1124, 58.3063, 56.6729



55.6363, 58.3063, 55.3356



54.1285, 58.3063, 56.0970

Triad

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



55.6363, 58.3063, 55.3356



52.7746, 58.3063, 67.2822



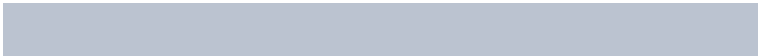
57.9246, 58.3063, 68.4106

Complementary

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



55.6363, 58.3063, 55.3356



51.3936, 54.1480, 67.4179

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.



56.7286, 58.3063, 71.4962



55.6363, 58.3063, 55.3356



53.7583, 58.3063, 70.8236

Square

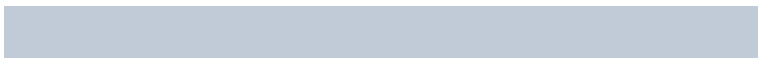
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.6363, 58.3063, 55.3356



52.4943, 58.3063, 62.8644



55.2010, 58.3063, 72.3991



58.4491, 58.3063, 64.1110

Rectangle

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



55.6363, 58.3063, 55.3356



53.3052, 58.3063, 57.7122



55.2010, 58.3063, 72.3991



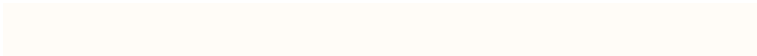
57.5867, 58.3063, 69.6318

Sweetspot

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



55.6379, 58.3089, 55.3369



92.9204, 97.6726, 102.2344



53.6394, 52.8937, 59.0425



19.7692, 20.7745, 21.5105



0.0000, 0.0000, 0.0000



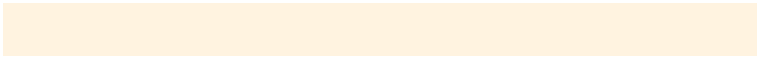
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6379, 58.3089, 55.3369



86.9040, 90.9737, 83.7851



56.8549, 61.7576, 55.9384



12.4096, 13.0099, 12.4691



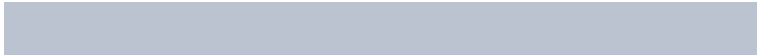
21.1848, 18.3025, 2.4162



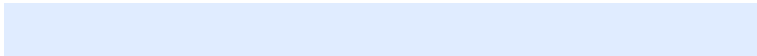
1.2598, 1.1740, 0.1602

Inverse Universe

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



51.3936, 54.1480, 67.4179



78.9248, 83.1516, 106.4978



50.2543, 50.9720, 66.8649



11.5273, 12.1450, 14.9803



8.9339, 6.5143, 37.9790



0.5752, 0.5157, 2.1488

Previews

White Background



This preview shows how the XYZ color 55.6363, 58.3063, 55.3356 looks on a white background.

Color Contrast Check

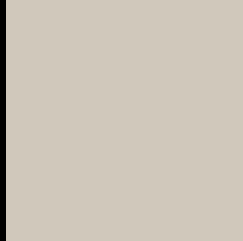
Large Text (above 18pt) WCAG AA × Fail

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 55.6363, 58.3063, 55.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

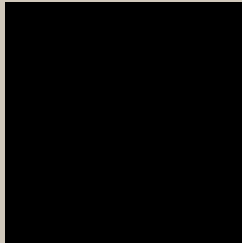
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

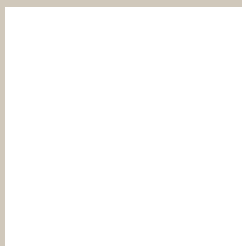
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6363, 58.3063, 55.3356

Background



This preview shows how black text looks on a background with the XYZ color 55.6363, 58.3063, 55.3356.

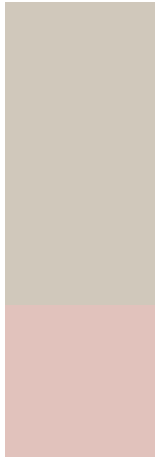


This preview shows how white text looks on a background with the XYZ color 55.6363, 58.3063,

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

55.6363, 58.3063, 55.3356

Protanopia

55.6363, 58.3063, 55.3356

Deuteranopia

59.4202, 58.2220, 55.6831



Tritanopia

58.4876, 58.0822, 70.4157

Trichromacy



Original Color

55.6363, 58.3063, 55.3356

Protanomaly

55.6363, 58.3063, 55.3356

Deuteranomaly

58.0304, 58.1708, 55.7465

Tritanomaly

57.3241, 57.9459, 64.6633

Monochromacy



Original Color

55.6363, 58.3063, 55.3356

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.7523, 58.5962, 60.5963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6363, 58.3063, 55.3356 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(208, 200, 187)` looks like.

```
.text, #text, p{  
    color:rgb(208, 200, 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(208, 200, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 200, 187) }
```

Border

The CSS property to change the border of an element to XYZ 55.6363, 58.3063, 55.3356 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(208, 200, 187) }
```


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

```
.border{ border-color:rgb(208, 200, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 200, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 200, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 200, 187);  
box-shadow:4px 4px 4px 4px rgb(208, 200,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6363, 58.3063, 55.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 200, 187) }
```

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

```
.background{ background-color: rgb(208,  
200, 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](#).

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