

Converting Colors

XYZ(55.5646, 58.6555, 51.0409)

Have a look what the booklet for
XYZ(55.5646, 58.6555, 51.0409)
contains.

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Color

**XYZ(55.6017, 58.7296,
51.0532)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C9B3
RGB	210, 201, 179
RGB Percent	82%, 79%, 70%
CMY	0.1765, 0.2117, 0.2980
CMYK	0.00, 0.04, 0.15, 0.18
HSL	43°, 26%, 76%
HSV	43°, 15%, 82%
XYZ	55.6017, 58.7296, 51.0532
YIQ	201.1830, 12.4260, -4.9340

Conversions

Conversions Part 2

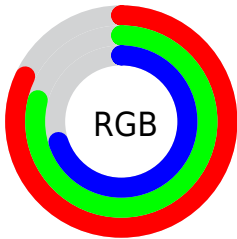
Format	Color
RYB	192, 210, 179
Decimal	13814195
CIELab	81.14, -0.55, 12.11
CIElCh	81, 12.124, 92.592
Yxy	58.7296, 0.3362, 0.3551
Android (android.graphics.Color)	4292004275 (0xFFD2C9B3)
YUV	201.1830, -10.9362, 7.7325
Hunter-Lab	76.6352, -4.6033, 14.1466

Details

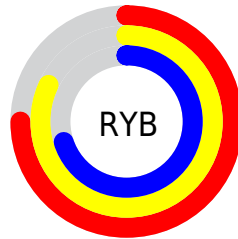
The XYZ color **55.6017, 58.7296, 51.0532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2064, 50.2023, 68.1226**, and the grayscale version is **55.6925, 58.5928, 63.8076**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **27.7172, 29.3424, 23.9415** is the 20% darker color. If you saturate the color by 10%, you get **52.2455, 55.1608, 40.2419**, and if you desaturate by 10%, it is **59.3410, 62.5457, 63.5895**.

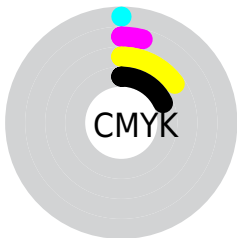
Distribution



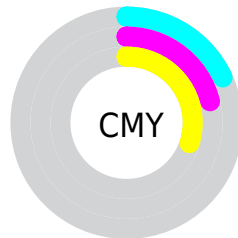
- Red (82%)
- Green (79%)
- Blue (70%)



- Red (75%)
- Yellow (82%)
- Blue (70%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6017, 58.7296, 51.0532 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 55.6017, 58.7296, 51.0532 by changing the saturation by 10% instead.

■ 55.6017, 58.7296,
51.0532

■ 55.6017, 58.7296,
51.0532

398.2881,
419.8991, 407.6229

■ 40.1194, 42.3955,
35.8739

■ 97.5652, 102.9846,
93.1457

■ 27.8163, 29.4111,
24.0479

124.7771,
131.6742, 120.8960

■ 18.3270, 19.3920,
15.1566

156.6296,
165.2511, 153.6738

■ 11.2861, 11.9539,
8.7816

193.4880,
204.0998, 191.8975

■ 6.3283, 6.7123,
4.5041

235.7177,
248.6045, 235.9857

■ 3.0883, 3.2828,
1.9058

283.6841,

■ 1.2006, 1.2811,

299.1497, 286.3570

0.4964

337.7524,
356.1198, 343.4299

■ 0.1069, 0.1265,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6017, 58.7296,
51.0532

■ 55.6017, 58.7296,
51.0532

■ 52.2455, 55.1608,
40.2419

■ 59.3410, 62.5457,
63.5895

■ 49.2523, 51.8245,
31.0747

■ 63.4729, 66.6081,
77.9190

■ 46.6075, 48.7156,
23.4699

■ 68.0124, 70.9257,
94.1112

■ 44.2932, 45.8259,
17.3375

■ 71.6570, 74.9786,
105.3033

42.2899, 43.1466,
12.5780

73.3377, 78.3401,
105.8636

40.5757, 40.6678,
9.0794

75.0779, 81.8204,
106.4436

39.1254, 38.3783,
6.7122

76.8781, 85.4208,
107.0437

37.9083, 36.2646,
5.3184

78.7389, 89.1424,
107.6640

37.3356, 35.2158,
4.8295

80.3886, 92.4418,
108.2139

Harmonies

Analogous

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



58.0826, 58.7296, 52.3940



55.6017, 58.7296, 51.0532



53.2494, 58.7296, 52.9459

Triad

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



55.6017, 58.7296, 51.0532



51.8344, 58.7296, 71.7221



60.2368, 58.7296, 70.5541

Complementary

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



55.6017, 58.7296, 51.0532



48.2064, 50.2023, 68.1226

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.



58.4735, 58.7296, 76.3743



55.6017, 58.7296, 51.0532



53.6184, 58.7296, 77.0835

Square

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



55.6017, 58.7296, 51.0532



51.1157, 58.7296, 64.5767



56.0403, 58.7296, 78.8462



60.8060, 58.7296, 63.3205

Rectangle

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



55.6017, 58.7296, 51.0532



52.0571, 58.7296, 55.8763



56.0403, 58.7296, 78.8462



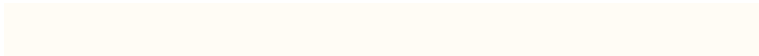
59.7615, 58.7296, 72.7587

Sweetspot

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



55.6033, 58.7322, 51.0545



92.5139, 97.4863, 100.1669



51.8086, 49.5864, 54.5880



19.7021, 20.7664, 21.0993



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.



55.6033, 58.7322, 51.0545



84.4180, 89.1825, 73.1512



56.0310, 62.1576, 51.6931



12.5016, 13.1938, 12.4998



22.8642, 21.6614, 2.9760



1.3449, 1.3441, 0.1886

Inverse Universe

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



48.2064, 50.2023, 68.1226



70.6057, 73.2557, 105.0262



47.8096, 47.2333, 67.5705



11.4392, 11.9686, 14.9509



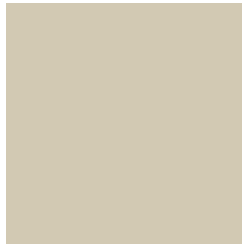
8.1875, 5.0215, 37.7302



0.5263, 0.4178, 2.1325

Previews

White Background



This preview shows how the XYZ color 55.6017, 58.7296, 51.0532 looks on a white background.

Color Contrast Check

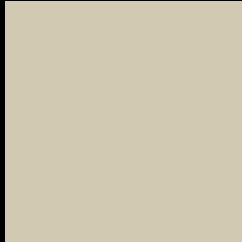
Large Text (above 18pt) WCAG AA × Fail

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 55.6017, 58.7296, 51.0532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

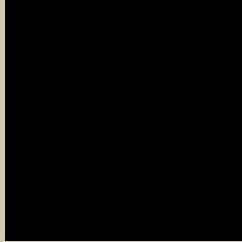
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

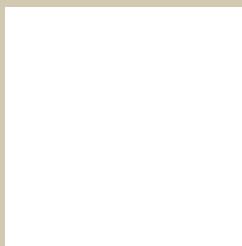
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6017, 58.7296, 51.0532

Background



This preview shows how black text looks on a background with the XYZ color 55.6017, 58.7296, 51.0532.

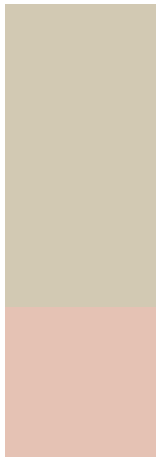


This preview shows how white text looks on a background with the XYZ color 55.6017, 58.7296,

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

55.6017, 58.7296, 51.0532

Protanopia

55.6017, 58.7296, 51.0532

Deuteranopia

59.8431, 58.5369, 51.3247



Tritanopia

59.3551, 58.5295, 70.4563

Trichromacy



Original Color

55.6017, 58.7296, 51.0532

Protanomaly

55.6017, 58.7296, 51.0532

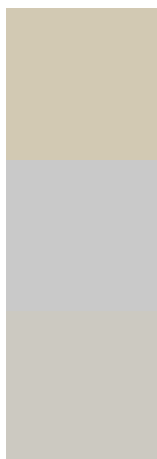
Deuteranomaly

58.3287, 58.7574, 51.4471

Tritanomaly

58.0600, 58.7044, 62.9146

Monochromacy



Original Color

55.6017, 58.7296, 51.0532

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.4141, 58.4609, 58.8155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6017, 58.7296, 51.0532 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(210, 201, 179) looks like.

```
.text, #text, p{  
    color:rgb(210, 201, 179)  
}
```

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(210, 201, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 201, 179) }
```

Border

The CSS property to change the border of an element to XYZ 55.6017, 58.7296, 51.0532 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(210, 201, 179) }
```


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

```
.border{ border-color:rgb(210, 201, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 201, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 201, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 201, 179);  
box-shadow:4px 4px 4px 4px rgb(210, 201,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6017, 58.7296, 51.0532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 201, 179) }
```

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

```
.background{ background-color: rgb(210,  
201, 179) }
```

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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