

# Converting Colors

XYZ(57.0661, 55.0445, 53.7051)

Have a look what the booklet for  
XYZ(57.0661, 55.0445, 53.7051)  
contains.

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# Color

**XYZ(57.1716, 55.1572,  
53.5321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFBCB9
RGB	223, 188, 185
RGB Percent	87%, 74%, 73%
CMY	0.1255, 0.2627, 0.2745
CMYK	0.00, 0.16, 0.17, 0.13
HSL	5°, 37%, 80%
HSV	5°, 17%, 87%
XYZ	57.1716, 55.1572, 53.5321
YIQ	198.1230, 21.8230, 6.4870

# Conversions

## Conversions Part 2

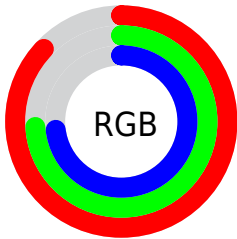
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 188, 185
Decimal	14662841
CIE Lab	79.13, 12.02, 6.17
CIE LCh	79, 13.510, 27.170
Yxy	55.1572, 0.3447, 0.3326
Android (android.graphics.Color)	4292852921 (0xFFDFBCB9)
YUV	198.1230, -6.4696, 21.8171
Hunter-Lab	74.2679, 7.4409, 9.2515

# Details

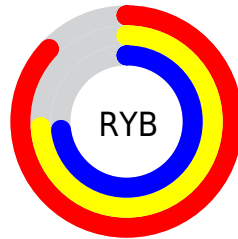
The XYZ color **57.1716, 55.1572, 53.5321** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.9196, 66.8268, 79.6060**, and the grayscale version is **53.7813, 56.5822, 61.6180**.

A 20% lighter version of the original color is **89.4679, 92.3122, 96.3217**, and **28.7652, 27.2094, 25.5656** is the 20% darker color. If you saturate the color by 10%, you get **50.9204, 46.1311, 40.7306**, and if you desaturate by 10%, it is **64.4194, 65.5846, 68.4887**.

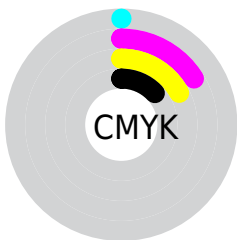
# Distribution



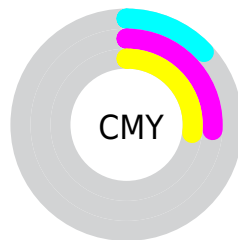
- Red (87%)
- Green (74%)
- Blue (73%)



- Red (87%)
- Yellow (74%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (13%)




- Cyan (13%)
- Magenta (26%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1716, 55.1572, 53.5321 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 57.1716, 55.1572, 53.5321 by changing the saturation by 10% instead.





 57.1716, 55.1572,  
53.5321

 57.1716, 55.1572,  
53.5321


404.0958,  
406.5075, 417.4473

 41.3837, 39.5276,  
37.8371


 99.8454, 97.7712,  
96.8364

 28.8080, 27.1704,  
25.5554


127.4621,  
125.5245, 125.2827

 19.0792, 17.7012,  
16.2686

159.7524,  
158.0877, 158.8165

 11.8319, 10.7357,  
9.5580

197.0817,  
195.8453, 197.8564

 6.7007, 5.8894,  
5.0051

239.8153,  
239.1817, 242.8209

 3.3203, 2.7780,  
2.1915

288.3186,

 1.3253, 1.0169,

288.4813, 294.1285

0.6694

342.9570,  
344.1284, 352.1978

■ 0.2020, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.1716, 55.1572,  
53.5321

■ 57.1716, 55.1572,  
53.5321

■ 50.9204, 46.1311,  
40.7306

■ 64.4194, 65.5846,  
68.4887

■ 45.6179, 38.4394,  
29.9816

■ 72.7000, 77.4616,  
85.6898

■ 41.2190, 32.0212,  
21.1793

■ 82.0534, 90.8434,  
105.2236

■ 37.6731, 26.8075,  
14.2072

■ 84.2416, 94.4281,  
108.3942

■ 34.9246, 22.7233,  
8.9361

■ 32.9115, 19.6846,  
5.2201

■ 31.5620, 17.5960,  
2.8888

■ 30.7884, 16.3439,  
1.7215

■ 30.6420, 16.1088,  
1.4943

# Harmonies

## Analogous

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



57.7728, 55.1572, 60.7925



57.1716, 55.1572, 53.5321



55.2850, 55.1572, 48.4302

# Triad

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



57.1716, 55.1572, 53.5321



48.1906, 55.1572, 52.3653



52.1699, 55.1572, 76.1314

# Complementary

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



57.1716, 55.1572, 53.5321



58.9196, 66.8268, 79.6060

# 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.



49.6659, 55.1572, 73.4095



57.1716, 55.1572, 53.5321



47.4184, 55.1572, 59.3271

# Square

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



57.1716, 55.1572, 53.5321



50.0946, 55.1572, 47.7982



47.9492, 55.1572, 67.0913



54.8272, 55.1572, 74.2503



# Rectangle

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



57.1716, 55.1572, 53.5321



53.5843, 55.1572, 46.7183



47.9492, 55.1572, 67.0913



51.2830, 55.1572, 75.7194

# Sweetspot

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



57.1731, 55.1597, 53.5333



89.4324, 91.9415, 97.2343



60.7612, 55.5787, 75.5604



18.9794, 19.4455, 20.4746



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.



57.1731, 55.1597, 53.5333



74.7027, 70.7469, 66.8450



61.3889, 63.5912, 54.9385



13.7939, 13.8737, 14.2577



18.0490, 9.5359, 0.8893



1.2818, 0.7225, 0.0719



# Inverse Universe

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



58.9196, 66.8268, 79.6060



77.4391, 89.0319, 107.7111



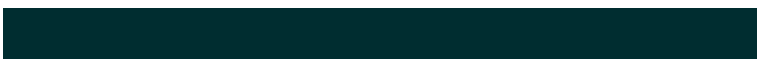
54.3232, 57.6339, 78.0738



14.0190, 15.3772, 17.6169



20.7590, 28.9875, 45.5494



1.4668, 2.0650, 3.1665



# Previews

## White Background



This preview shows how the XYZ color 57.1716, 55.1572, 53.5321 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

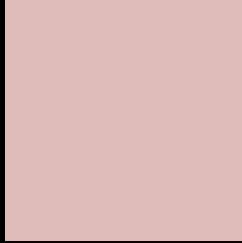
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.1716, 55.1572, 53.5321 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

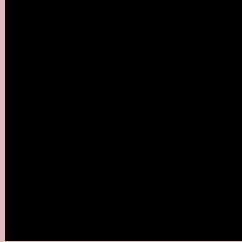
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 57.1716, 55.1572, 53.5321

## Background



This preview shows how black text looks on a background with the XYZ color 57.1716, 55.1572, 53.5321.



This preview shows how white text looks on a background with the XYZ color 57.1716, 55.1572,



# 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

57.1716, 55.1572, 53.5321

### Protanopia

52.7878, 55.1218, 56.0015

### Deuteranopia

56.1680, 54.9580, 53.5465



## Tritanopia

59.0356, 55.2955, 62.2052

# Trichromacy



## Original Color

57.1716, 55.1572, 53.5321

## Protanomaly

54.2212, 54.8854, 55.3131

## Deuteranomaly

56.4698, 55.1136, 53.5607

## Tritanomaly

58.3611, 55.3281, 59.2332

# Monochromacy



## Original Color

57.1716, 55.1572, 53.5321

## Achromatopsia

53.6758, 56.4712, 61.4971

## Achromatomaly

54.6496, 55.6992, 58.3228

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.1716, 55.1572, 53.5321 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(223, 188, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 188, 185)  
}
```

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(223, 188, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 188, 185) }
```

## Border

The CSS property to change the border of an element to XYZ 57.1716, 55.1572, 53.5321 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(223, 188, 185) }
```



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

```
.border{ border-color:rgb(223, 188, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 188, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 188, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 188, 185);  
box-shadow:4px 4px 4px 4px rgb(223, 188,  
185) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.1716, 55.1572, 53.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 188, 185) }
```

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

```
.background{ background-color: rgb(223,  
188, 185) }
```

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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