

Converting Colors

XYZ(56.4468, 54.9417, 50.8769)

Have a look what the booklet for
XYZ(56.4468, 54.9417, 50.8769)
contains.

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Color

**XYZ(56.3456, 54.7913,
50.7861)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBCB4
RGB	222, 188, 180
RGB Percent	87%, 74%, 71%
CMY	0.1294, 0.2627, 0.2941
CMYK	0.00, 0.15, 0.19, 0.13
HSL	11°, 39%, 79%
HSV	11°, 19%, 87%
XYZ	56.3456, 54.7913, 50.7861
YIQ	197.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

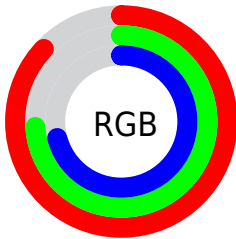
Format	Color
R _Y B	222, 190, 180
Decimal	14597300
CIE Lab	78.92, 10.89, 8.55
CIE LCh	79, 13.843, 38.155
Yxy	54.7913, 0.3480, 0.3384
Android (android.graphics.Color)	4292787380 (0xFFDEBCB4)
YUV	197.2540, -8.5062, 21.7022
Hunter-Lab	74.0211, 6.3389, 11.1358

Details

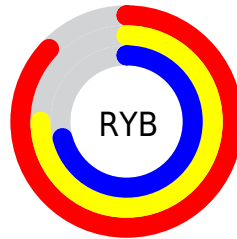
The XYZ color **56.3456, 54.7913, 50.7861** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.0533, 63.0688, 78.3267**, and the grayscale version is **53.2657, 56.0397, 61.0272**.

A 20% lighter version of the original color is **88.7310, 92.0175, 92.4414**, and **28.2206, 26.9672, 23.7965** is the 20% darker color. If you saturate the color by 10%, you get **50.6603, 46.7545, 38.6126**, and if you desaturate by 10%, it is **62.8741, 63.9339, 65.0290**.

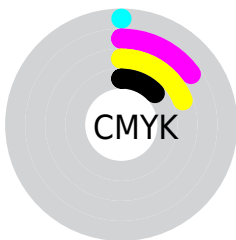
Distribution



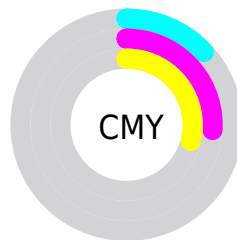
- Red (87%)
- Green (74%)
- Blue (71%)



- Red (87%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (13%)





- Cyan (13%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3456, 54.7913, 50.7861 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 56.3456, 54.7913, 50.7861 by changing the saturation by 10% instead.

 56.3456, 54.7913,
50.7861

 56.3456, 54.7913,
50.7861


401.0466,
405.1203, 406.5550

 40.7182, 39.2347,
35.6629


 98.6466, 97.2351,
92.7468

 28.2856, 26.9423,
23.8863


126.0508,
124.8911, 120.4213

 18.6826, 17.5299,
15.0379


158.1114,
157.3489, 153.1167

 11.5438, 10.6130,
8.6991

195.1937,
194.9930, 191.2514

 6.5038, 5.8073,
4.4513

237.6630,
238.2079, 235.2441

 3.1973, 2.7282,
1.8760

285.8846,

 1.2590, 0.9916,

287.3777, 285.5132

0.4774

340.2241,
342.8871, 342.4773

■ 0.1522, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3456, 54.7913,
50.7861

■ 56.3456, 54.7913,
50.7861

■ 50.6603, 46.7545,
38.6126

■ 62.8741, 63.9339,
65.0290

■ 45.7791, 39.7741,
28.4086

■ 70.2740, 74.2145,
81.4279

■ 41.6662, 33.8082,
20.0711

■ 78.5777, 85.6731,
100.0688

■ 38.2816, 28.8089,
13.4861

■ 83.9343, 94.2697,
108.3798

■ 35.5811, 24.7245,
8.5274

■ 33.5160, 21.4985,
5.0515

■ 32.0302, 19.0674,
2.8895

■ 31.0476, 17.3551,
1.7824

■ 30.9633, 17.2075,
1.6894

Harmonies

Analogous

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



57.4872, 54.7913, 57.5366



56.3456, 54.7913, 50.7861



54.0692, 54.7913, 46.6812

Triad

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



56.3456, 54.7913, 50.7861



47.3236, 54.7913, 54.2009



52.8309, 54.7913, 75.9336

Complementary

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



56.3456, 54.7913, 50.7861



56.0533, 63.0688, 78.3267

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.



50.1353, 54.7913, 74.8420



56.3456, 54.7913, 50.7861



47.0183, 54.7913, 61.8318

Square

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



56.3456, 54.7913, 50.7861



48.8796, 54.7913, 48.5286



48.0305, 54.7913, 69.5082



55.4119, 54.7913, 72.3718

Rectangle

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



56.3456, 54.7913, 50.7861



52.2478, 54.7913, 45.7708



48.0305, 54.7913, 69.5082



51.9075, 54.7913, 76.1043

Sweetspot

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



56.3471, 54.7938, 50.7872



88.8594, 91.4049, 95.1641



58.6219, 53.0432, 70.9685



18.8811, 19.3716, 20.0632



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.



56.3471, 54.7938, 50.7872



73.6845, 70.1430, 62.0890



61.0898, 64.2792, 52.3682



13.9176, 14.1211, 14.2989



18.4519, 10.3417, 1.0236



1.3405, 0.8398, 0.0914

Inverse Universe

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



56.0533, 63.0688, 78.3267



73.2035, 83.5975, 106.8854



51.1442, 53.2506, 76.6904



13.8830, 15.1051, 17.5715



17.5669, 22.6033, 44.4854



1.2755, 1.6824, 3.1028

Previews

White Background



This preview shows how the XYZ color 56.3456, 54.7913, 50.7861 looks on a white background.

Color Contrast Check

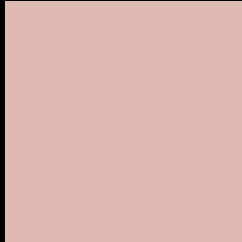
Large Text (above 18pt) WCAG AA × Fail

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 56.3456, 54.7913, 50.7861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

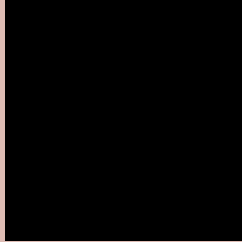
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3456, 54.7913, 50.7861

Background



This preview shows how black text looks on a background with the XYZ color 56.3456, 54.7913, 50.7861.



This preview shows how white text looks on a background with the XYZ color 56.3456, 54.7913, 50.7861.

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

56.3456, 54.7913, 50.7861

Protanopia

52.5240, 55.0475, 53.2043

Deuteranopia

55.9510, 54.9061, 50.8290



Tritanopia

58.3982, 54.6687, 61.5070

Trichromacy



Original Color

56.3456, 54.7913, 50.7861

Protanomaly

53.6914, 54.6735, 52.5229

Deuteranomaly

56.2546, 55.0626, 50.8432

Tritanomaly

57.5048, 54.6116, 57.3794

Monochromacy



Original Color

56.3456, 54.7913, 50.7861

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.1494, 55.4670, 57.1424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3456, 54.7913, 50.7861 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(222, 188, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 188, 180)  
}
```

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(222, 188, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 188, 180) }
```

Border

The CSS property to change the border of an element to XYZ 56.3456, 54.7913, 50.7861 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(222, 188, 180) }
```


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

```
.border{ border-color:rgb(222, 188, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 188, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 188, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 188, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 188,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3456, 54.7913, 50.7861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 188, 180) }
```

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

```
.background{ background-color: rgb(222,  
188, 180) }
```

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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