

Converting Colors

XYZ(56.5651, 54.6265, 54.8039)

Have a look what the booklet for
XYZ(56.5651, 54.6265, 54.8039)
contains.

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Color

**XYZ(56.5588, 54.5007,
54.5524)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBBBB
RGB	221, 187, 187
RGB Percent	87%, 73%, 73%
CMY	0.1333, 0.2666, 0.2667
CMYK	0.00, 0.15, 0.15, 0.13
HSL	0°, 33%, 80%
HSV	0°, 15%, 87%
XYZ	56.5588, 54.5007, 54.5524
YIQ	197.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

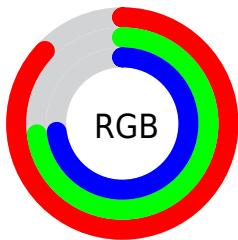
Format	Color
R _Y B	221, 187, 187
Decimal	14531515
CIE Lab	78.75, 12.14, 4.52
CIE LCh	79, 12.953, 20.419
Yxy	54.5007, 0.3415, 0.3291
Android (android.graphics.Color)	4292721595 (0xFFDDBBBB)
YUV	197.1660, -5.0118, 20.9024
Hunter-Lab	73.8246, 7.5601, 7.8651

Details

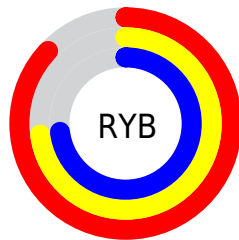
The XYZ color **56.5588, 54.5007, 54.5524** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.4007, 67.4966, 78.3046**, and the grayscale version is **53.1932, 55.9634, 60.9442**.

A 20% lighter version of the original color is **89.4683, 91.8322, 97.8039**, and **28.5541, 26.8784, 26.2373** is the 20% darker color. If you saturate the color by 10%, you get **50.0401, 44.9624, 41.5914**, and if you desaturate by 10%, it is **64.1659, 65.6322, 69.6738**.

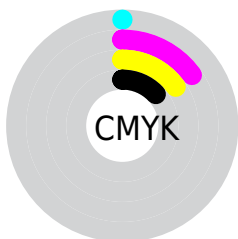
Distribution



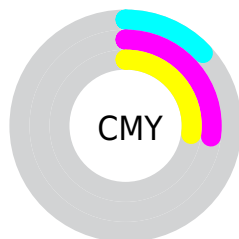
- Red (87%)
- Green (73%)
- Blue (73%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5588, 54.5007, 54.5524 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 56.5588, 54.5007, 54.5524 by changing the saturation by 10% instead.


 56.5588, 54.5007,
54.5524

 56.5588, 54.5007,
54.5524


401.8350,
404.0165, 421.4470

 40.8899, 39.0021,
38.6473


 98.9562, 96.8090,
98.3494

 28.4203, 26.7614,
26.1797

126.4154,
124.3875, 127.0784

 18.7848, 17.3941,
16.7312


158.5354,
156.7615, 160.9191

 11.6180, 10.5159,
9.8831

195.6816,
194.3152, 200.2900

 6.5545, 5.7423,
5.2169

238.2193,
237.4332, 245.6097

 3.2289, 2.6890,
2.3141

286.5138,

 1.2759, 0.9716,

286.4998, 297.2968

0.7391

340.9306,
341.8994, 355.7697

■ 0.1651, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5588, 54.5007,
54.5524

■ 56.5588, 54.5007,
54.5524

■ 50.0401, 44.9624,
41.5914

■ 64.1659, 65.6322,
69.6738

■ 44.5560, 36.9375,
30.6890

■ 72.9033, 78.4172,
87.0442

■ 40.0545, 30.3506,
21.7403

■ 82.8161, 92.9220,
106.7514

■ 36.4777, 25.1166,
14.6300

■ 83.6291, 94.1123,
108.3655

■ 33.7614, 21.1417,
9.2305

■ 31.8332, 18.3201,
5.3979

■ 30.6091, 16.5288,
2.9651

■ 29.9859, 15.6166,
1.7268

■ 29.8193, 15.3729,
1.3956

Harmonies

Analogous

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



56.8147, 54.5007, 61.7224



56.5588, 54.5007, 54.5524



55.0055, 54.5007, 49.1144

Triad

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



56.5588, 54.5007, 54.5524



48.0948, 54.5007, 50.7951



50.9853, 54.5007, 74.3767

Complementary

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



56.5588, 54.5007, 54.5524



59.4007, 67.4966, 78.3046

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.



48.7240, 54.5007, 70.8992



56.5588, 54.5007, 54.5524



47.0918, 54.5007, 57.0236

Square

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



56.5588, 54.5007, 54.5524



50.1007, 54.5007, 47.0724



47.3183, 54.5007, 64.4040



53.5399, 54.5007, 73.5774

Rectangle

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



56.5588, 54.5007, 54.5524



53.4706, 54.5007, 47.0119



47.3183, 54.5007, 64.4040



50.1670, 54.5007, 73.6589

Sweetspot

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



56.5603, 54.5031, 54.5535



89.1317, 91.3399, 97.1340



60.6409, 56.1340, 76.0460



18.9067, 19.3001, 20.4504



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.



56.5603, 54.5031, 54.5535



75.5874, 71.5212, 70.2076



60.3820, 62.1464, 55.8274



13.0562, 13.0518, 13.5567



17.3224, 8.9304, 0.8107



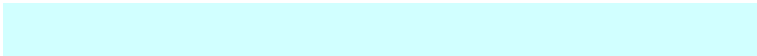
1.1223, 0.5786, 0.0525

Inverse Universe

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



59.4007, 67.4966, 78.3046



80.1310, 92.3063, 108.2013



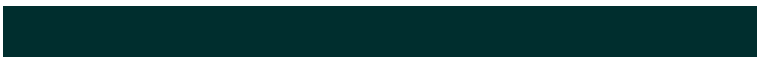
55.1382, 58.9717, 76.8838



13.4448, 14.8293, 16.8059



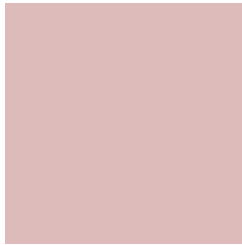
22.5979, 33.0653, 44.9296



1.4640, 2.1422, 2.9108

Previews

White Background



This preview shows how the XYZ color 56.5588, 54.5007, 54.5524 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 56.5588, 54.5007, 54.5524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

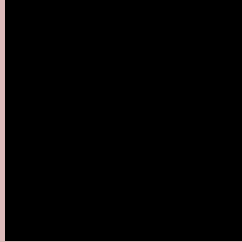
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5588, 54.5007, 54.5524

Background



This preview shows how black text looks on a background with the XYZ color 56.5588, 54.5007, 54.5524.



This preview shows how white text looks on a background with the XYZ color 56.5588, 54.5007,

54.5524.

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

56.5588, 54.5007, 54.5524

Protanopia

52.2489, 54.4873, 57.0535

Deuteranopia

55.7825, 54.7348, 54.6385



Tritanopia

58.0892, 54.5094, 61.4926

Trichromacy



Original Color

56.5588, 54.5007, 54.5524

Protanomaly

53.6572, 54.2447, 56.3574

Deuteranomaly

55.8663, 54.4597, 54.5810

Tritanomaly

57.5334, 54.5875, 59.1339

Monochromacy



Original Color

56.5588, 54.5007, 54.5524

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.1492, 55.1120, 58.2358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5588, 54.5007, 54.5524 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(221, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 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(221, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 187) }
```

Border

The CSS property to change the border of an element to XYZ 56.5588, 54.5007, 54.5524 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(221, 187, 187) }
```


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

```
.border{ border-color:rgb(221, 187, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 187, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 187, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 187, 187); box-shadow:4px 4px 4px 4px rgb(221, 187, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5588, 54.5007, 54.5524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 187) }
```

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

```
.background{ background-color: rgb(221,  
187, 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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