

Converting Colors

XYZ(57.5265, 55.9168, 56.4762)

Have a look what the booklet for
XYZ(57.5265, 55.9168, 56.4762)
contains.

XYZ(57.5265, 55.9168, 56.4762)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.5265, 55.9168,
56.4762)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBEBE
RGB	221, 190, 190
RGB Percent	87%, 75%, 75%
CMY	0.1333, 0.2549, 0.2549
CMYK	0.00, 0.14, 0.14, 0.13
HSL	0°, 31%, 81%
HSV	0°, 14%, 87%
XYZ	57.5265, 55.9168, 56.4762
YIQ	199.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

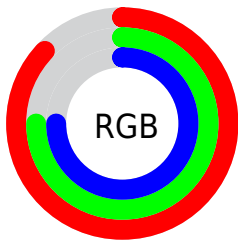
Format	Color
R_{YB}	221, 190, 190
Decimal	14532286
CIE Lab	79.57, 11.02, 4.08
CIE LCh	80, 11.747, 20.304
Yxy	55.9168, 0.3386, 0.3291
Android (android.graphics.Color)	4292722366 (0xFFDDBEBE)
YUV	199.2690, -4.5696, 19.0581
Hunter-Lab	74.7775, 6.4597, 7.5651

Details

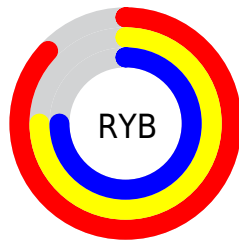
The XYZ color **57.5265, 55.9168, 56.4762** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.1423, 67.8789, 78.3392**, and the grayscale version is **54.4713, 57.3080, 62.4084**.

A 20% lighter version of the original color is **90.8303, 93.8254, 100.5116**, and **29.1869, 27.8045, 27.4954** is the 20% darker color. If you saturate the color by 10%, you get **50.8634, 46.1672, 43.2279**, and if you desaturate by 10%, it is **65.2846, 67.2691, 71.8978**.

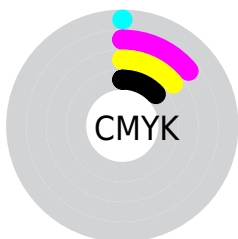
Distribution



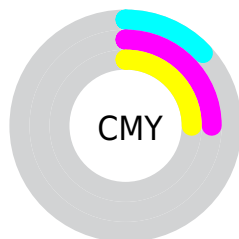
- Red (87%)
- Green (75%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5265, 55.9168, 56.4762 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 57.5265, 55.9168, 56.4762 by changing the saturation by 10% instead.


 57.5265, 55.9168,
56.4762

 57.5265, 55.9168,
56.4762


405.4016,
409.3779, 428.9223

 41.6699, 40.1362,
40.1783

 100.3599, 98.8829,
101.1932

 29.0329, 27.6448,
27.3627


128.0675,
126.8372, 130.4494

 19.2501, 18.0581,
17.6110


160.4561,
159.6183, 164.8621

 11.9562, 10.9917,
10.5045

197.8910,
197.6104, 204.8499

 6.7859, 6.0612,
5.6248

240.7377,
241.1981, 250.8313

 3.3737, 2.8824,
2.5532

289.3614,

 1.3543, 1.0706,

290.7656, 303.2247

0.8682

344.1276,
346.6974, 362.4489

■ 0.2233, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5265, 55.9168,
56.4762

■ 57.5265, 55.9168,
56.4762

■ 50.8634, 46.1672,
43.2279

■ 65.2846, 67.2691,
71.8978

■ 45.2417, 37.9410,
32.0519

■ 74.1789, 80.2837,
89.5804

■ 40.6101, 31.1637,
22.8446

■ 83.6290, 94.1123,
108.3655

■ 36.9114, 25.7513,
15.4919

■ 34.0822, 21.6114,
9.8682

■ 32.0517, 18.6399,
5.8321

■ 30.7375, 16.7167,
3.2202

■ 30.0398, 15.6956,
1.8339

■ 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.



57.7562, 55.9168, 63.1033



57.5265, 55.9168, 56.4762



56.1045, 55.9168, 51.4041

Triad

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



57.5265, 55.9168, 56.4762



49.7250, 55.9168, 52.9399



52.3852, 55.9168, 74.6425

Complementary

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



57.5265, 55.9168, 56.4762



60.1423, 67.8789, 78.3392

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.



50.2958, 55.9168, 71.4629



57.5265, 55.9168, 56.4762



48.7903, 55.9168, 58.7171

Square

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



57.5265, 55.9168, 56.4762



51.5851, 55.9168, 49.4699



48.9961, 55.9168, 65.5151



54.7407, 55.9168, 73.9310

Rectangle

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



57.5265, 55.9168, 56.4762



54.6944, 55.9168, 49.4287



48.9961, 55.9168, 65.5151



51.6296, 55.9168, 73.9848

Sweetspot

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



57.5281, 55.9193, 56.4774



90.2833, 93.0251, 99.4234



61.2840, 57.4202, 76.2603



19.1386, 19.6394, 20.9115



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.



57.5281, 55.9193, 56.4774



76.5371, 72.9109, 72.0954



61.0648, 62.9927, 57.6563



13.0562, 13.0518, 13.5567



17.3224, 8.9304, 0.8107



1.1223, 0.5787, 0.0525

Inverse Universe

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



60.1423, 67.8789, 78.3392



80.8587, 92.6814, 108.2353



56.2381, 60.0705, 77.0378



13.4448, 14.8293, 16.8059



22.5975, 33.0644, 44.9295



1.4640, 2.1422, 2.9108

Previews

White Background



This preview shows how the XYZ color 57.5265, 55.9168, 56.4762 looks on a white background.

Color Contrast Check

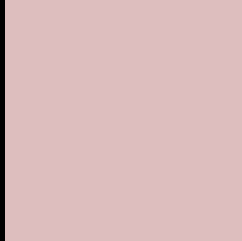
Large Text (above 18pt) WCAG AA × Fail

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 57.5265, 55.9168, 56.4762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

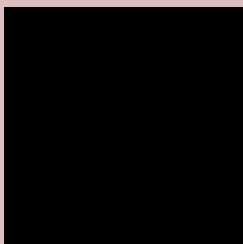
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5265, 55.9168, 56.4762

Background



This preview shows how black text looks on a background with the XYZ color 57.5265, 55.9168, 56.4762.



This preview shows how white text looks on a background with the XYZ color 57.5265, 55.9168,

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

57.5265, 55.9168, 56.4762

Protanopia

53.8347, 55.9315, 58.9974

Deuteranopia

57.1385, 56.0394, 56.5204



Tritanopia

59.1941, 55.9662, 64.1826

Trichromacy



Original Color

57.5265, 55.9168, 56.4762

Protanomaly

55.2119, 55.9891, 58.3491

Deuteranomaly

57.4403, 56.1950, 56.5345

Tritanomaly

58.5148, 56.0020, 61.1515

Monochromacy



Original Color

57.5265, 55.9168, 56.4762

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.4359, 56.7308, 60.2529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5265, 55.9168, 56.4762 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, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(221, 190, 190)  
}
```

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, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 190, 190) }
```

Border

The CSS property to change the border of an element to XYZ 57.5265, 55.9168, 56.4762 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, 190, 190) }
```


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

```
.border{ border-color:rgb(221, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(221, 190,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5265, 55.9168, 56.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 190, 190) }
```

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

```
.background{ background-color: rgb(221,  
190, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor