

Converting Colors

XYZ(55.4657, 54.2373, 54.7539)

Have a look what the booklet for
XYZ(55.4657, 54.2373, 54.7539)
contains.

XYZ(55.5681, 54.3060, 54.5671)	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(55.5681, 54.3060,
54.5671)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BCBB
RGB	217, 188, 187
RGB Percent	85%, 74%, 73%
CMY	0.1490, 0.2627, 0.2667
CMYK	0.00, 0.13, 0.14, 0.15
HSL	2°, 28%, 79%
HSV	2°, 14%, 85%
XYZ	55.5681, 54.3060, 54.5671
YIQ	196.5570, 17.6050, 5.8370

Conversions

Conversions Part 2

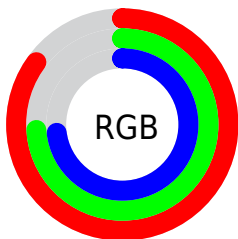
Format	Color
R _Y B	217, 188, 187
Decimal	14269627
CIE Lab	78.64, 10.16, 4.31
CIE LCh	79, 11.033, 22.996
Yxy	54.3060, 0.3379, 0.3302
Android (android.graphics.Color)	4292459707 (0xFFD9BCBB)
YUV	196.5570, -4.7116, 17.9285
Hunter-Lab	73.6926, 5.6363, 7.6824

Details

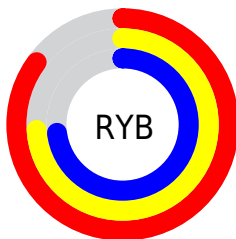
The XYZ color **55.5681, 54.3060, 54.5671** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.5734, 64.6849, 75.0971**, and the grayscale version is **52.8252, 55.5762, 60.5225**.

A 20% lighter version of the original color is **89.7683, 92.4324, 97.9040**, and **27.8673, 26.7306, 26.2450** is the 20% darker color. If you saturate the color by 10%, you get **49.2589, 45.1283, 41.8557**, and if you desaturate by 10%, it is **62.8825, 64.9312, 69.3467**.

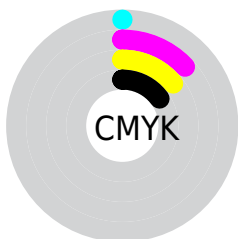
Distribution



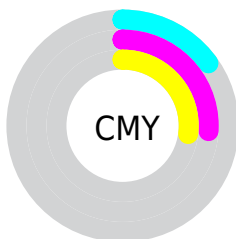
- Red (85%)
- Green (74%)
- Blue (73%)



- Red (85%)
- Yellow (74%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (14%)
- Black (15%)





- Cyan (15%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5681, 54.3060, 54.5671 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 55.5681, 54.3060, 54.5671 by changing the saturation by 10% instead.


 55.5681, 54.3060,
54.5671

 55.5681, 54.3060,
54.5671


398.1633,
403.2758, 421.5045

 40.0924, 38.8464,
38.6590


 97.5163, 96.5234,
98.3712

 27.7951, 26.6402,
26.1887


124.7195,
124.0499, 127.1042

 18.3109, 17.3032,
16.7379


156.5625,
156.3676, 160.9493

 11.2745, 10.4509,
9.8878

193.4108,
193.8607, 200.3250

 6.3204, 5.6989,
5.2200

235.6297,
236.9136, 245.6498

 3.0834, 2.6629,
2.3159

283.5845,

 1.1980, 0.9584,

285.9109, 297.3423

0.7401

337.6405,
341.2368, 355.8210

■ 0.1048, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5681, 54.3060,
54.5671

■ 55.5681, 54.3060,
54.5671

■ 49.2589, 45.1283,
41.8557

■ 62.8825, 64.9312,
69.3467

■ 43.9068, 37.3287,
31.1171

■ 71.2386, 77.0551,
86.2774

■ 39.4664, 30.8429,
22.2534

■ 80.6767, 90.7353,
105.4415

■ 35.8868, 25.5985,
15.1573

■ 82.4255, 93.4918,
108.3092

■ 33.1123, 21.5164,
9.7101

■ 31.0805, 18.5081,
5.7792

■ 29.7198, 16.4727,
3.2111

■ 28.9447, 15.2898,
1.8201

■ 28.6943, 14.9094,
1.3655

Harmonies

Analogous

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



55.8855, 54.3060, 60.6046



55.5681, 54.3060, 54.5671



54.1781, 54.3060, 50.0597

Triad

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



55.5681, 54.3060, 54.5671



48.3435, 54.3060, 52.2010



51.1072, 54.3060, 71.8511

Complementary

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



55.5681, 54.3060, 54.5671



57.5734, 64.6849, 75.0971

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.



49.1364, 54.3060, 69.2347



55.5681, 54.3060, 54.5671



47.5702, 54.3060, 57.6795

Square

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



55.5681, 54.3060, 54.5671



49.9974, 54.3060, 48.7622



47.8563, 54.3060, 63.9404



53.2696, 54.3060, 70.8722

Rectangle

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



55.5681, 54.3060, 54.5671



52.8506, 54.3060, 48.3861



47.8563, 54.3060, 63.9404



50.4012, 54.3060, 71.3571

Sweetspot

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



55.5696, 54.3084, 54.5682



90.3861, 93.2307, 99.4577



58.7808, 55.2510, 72.5326



19.1645, 19.6912, 20.9201



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.



55.5696, 54.3084, 54.5682



76.8991, 73.6349, 72.2161



58.9414, 61.0521, 55.6922



13.0908, 13.1209, 13.5682



17.3852, 9.0559, 0.8317



1.1389, 0.6119, 0.0581

Inverse Universe

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



57.5734, 64.6849, 75.0971



80.3996, 91.7630, 108.0823



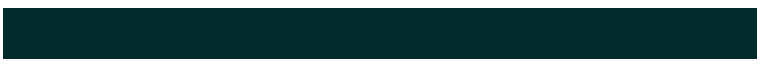
53.9052, 57.3485, 73.8744



13.4056, 14.7509, 16.7928



21.5101, 30.8895, 44.5670



1.4055, 2.0251, 2.8912

Previews

White Background



This preview shows how the XYZ color 55.5681, 54.3060, 54.5671 looks on a white background.

Color Contrast Check

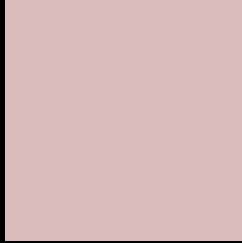
Large Text (above 18pt) WCAG AA × Fail

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 55.5681, 54.3060, 54.5671 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 55.5681, 54.3060, 54.5671

Background



This preview shows how black text looks on a background with the XYZ color 55.5681, 54.3060, 54.5671.



This preview shows how white text looks on a background with the XYZ color 55.5681, 54.3060,

54.5671.

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

55.5681, 54.3060, 54.5671

Protanopia

52.1392, 54.4434, 56.4758

Deuteranopia

55.2718, 54.1532, 54.5532



Tritanopia

57.1976, 54.3480, 62.1192

Trichromacy



Original Color

55.5681, 54.3060, 54.5671

Protanomaly

53.4885, 54.4952, 55.8436

Deuteranomaly

55.2718, 54.1532, 54.5532

Tritanomaly

56.5341, 54.3862, 59.1477

Monochromacy



Original Color

55.5681, 54.3060, 54.5671

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8193, 55.2712, 58.2839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5681, 54.3060, 54.5671 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(217, 188, 187)` looks like.

```
.text, #text, p{  
    color:rgb(217, 188, 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(217, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 188, 187) }
```

Border

The CSS property to change the border of an element to XYZ 55.5681, 54.3060, 54.5671 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(217, 188, 187) }
```


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

```
.border{ border-color:rgb(217, 188, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 188, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(217, 188,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5681, 54.3060, 54.5671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 188, 187) }
```

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

```
.background{ background-color: rgb(217,  
188, 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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