

Converting Colors

XYZ(53.0129, 54.3416, 55.4211)

Have a look what the booklet for
XYZ(53.0129, 54.3416, 55.4211)
contains.

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Color

**XYZ(52.8286, 54.1675,
55.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC0BC
RGB	204, 192, 188
RGB Percent	80%, 75%, 74%
CMY	0.2000, 0.2470, 0.2627
CMYK	0.00, 0.06, 0.08, 0.20
HSL	15°, 14%, 77%
HSV	15°, 8%, 80%
XYZ	52.8286, 54.1675, 55.2480
YIQ	195.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

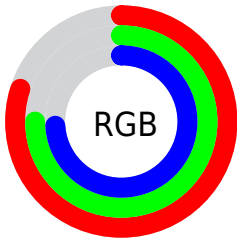
Format	Color
RYB	204, 193, 188
Decimal	13418684
CIELab	78.56, 3.52, 3.51
CIElCh	79, 4.971, 44.975
Yxy	54.1675, 0.3256, 0.3339
Android (android.graphics.Color)	4291608764 (0xFFCCC0BC)
YUV	195.1320, -3.5161, 7.7772
Hunter-Lab	73.5986, -0.6713, 7.0120

Details

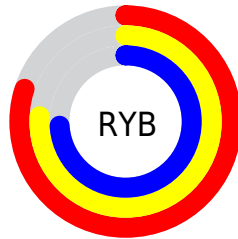
The XYZ color **52.8286, 54.1675, 55.2480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2923, 56.3587, 65.2496**, and the grayscale version is **51.9685, 54.6749, 59.5410**.

A 20% lighter version of the original color is **91.1365, 94.9265, 99.1072**, and **26.1835, 26.6985, 26.6950** is the 20% darker color. If you saturate the color by 10%, you get **47.5977, 46.9795, 43.4106**, and if you desaturate by 10%, it is **58.7225, 62.1827, 68.8413**.

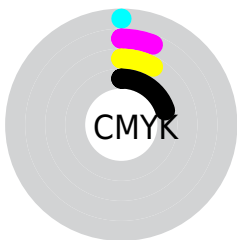
Distribution



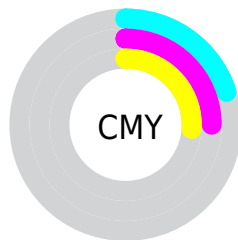
- Red (80%)
- Green (75%)
- Blue (74%)



- Red (80%)
- Yellow (76%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8286, 54.1675, 55.2480 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 52.8286, 54.1675, 55.2480 by changing the saturation by 10% instead.

■ 52.8286, 54.1675,
55.2480

■ 52.8286, 54.1675,
55.2480

387.8988,
402.7484, 424.1597

■ 37.8929, 38.7356,
39.2004

■ 93.5191, 96.3201,
99.3790

■ 26.0764, 26.5541,
26.6066

120.0046,
123.8097, 128.2995

■ 17.0138, 17.2386,
17.0482

151.0708,
156.0872, 162.3480

■ 10.3397, 10.4048,
10.1065

187.0830,
193.5371, 201.9430

■ 5.6887, 5.6681,
5.3631

228.4065,
236.5437, 247.5032

■ 2.6956, 2.6444,
2.3994

275.4068,

■ 0.9949, 0.9490,

285.4916, 299.4470

0.7861

328.4491,
340.7650, 358.1930

■ 0.0000, 0.0000,
0.0000

■ 52.8286, 54.1675,
55.2480

■ 52.8286, 54.1675,
55.2480

■ 47.5977, 46.9795,
43.4106

■ 58.7225, 62.1827,
68.8413

■ 43.0017, 40.5851,
33.2539

■ 65.2971, 71.0433,
84.2548

■ 39.0171, 34.9590,
24.7021

■ 72.5754, 80.7755,
101.5537

■ 35.6171, 30.0716,
17.6724

■ 78.1364, 90.4261,
107.9435

■ 32.7729, 25.8915,
12.0745

■ 78.7121, 91.5775,
108.1354

■ 30.4532, 22.3851,
7.8085

■ 28.6232, 19.5155,
4.7612

■ 27.2432, 17.2424,
2.8007

■ 26.2615, 15.5178,
1.7375

Harmonies

Analogous

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



53.3257, 54.1675, 57.5963



52.8286, 54.1675, 55.2480



51.9744, 54.1675, 53.9211

Triad

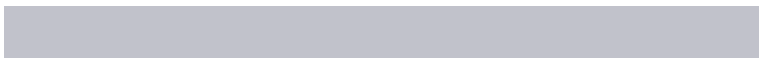
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.8286, 54.1675, 55.2480



49.6867, 54.1675, 57.5917



51.9728, 54.1675, 64.3455

Complementary

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



52.8286, 54.1675, 55.2480



52.2923, 56.3587, 65.2496

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.



50.9978, 54.1675, 64.3441



52.8286, 54.1675, 55.2480



49.6863, 54.1675, 60.3841

Square

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



52.8286, 54.1675, 55.2480



50.1647, 54.1675, 55.2448



50.1636, 54.1675, 62.8747



52.8274, 54.1675, 62.8782

Rectangle

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



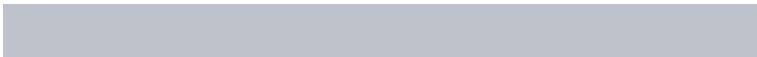
52.8286, 54.1675, 55.2480



51.3214, 54.1675, 53.7666



50.1636, 54.1675, 62.8747



51.6481, 54.1675, 64.5182

Sweetspot

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



52.8301, 54.1699, 55.2492



93.0319, 97.2603, 104.2301



53.3111, 52.9748, 62.0596



19.9338, 20.8465, 22.3584



0.0000, 0.0000, 0.0000



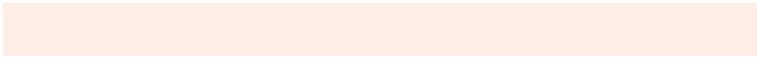
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.8301, 54.1699, 55.2492



86.3268, 88.1174, 88.8396



54.6339, 57.7775, 55.8504



11.4366, 11.6622, 11.7277



16.4830, 9.6989, 1.0033



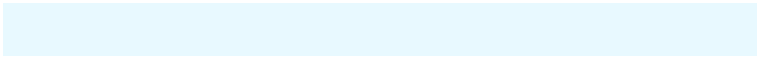
0.9125, 0.6246, 0.0725

Inverse Universe

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



52.2923, 56.3587, 65.2496



85.3002, 92.2947, 107.9266



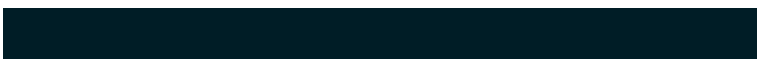
50.4885, 52.7511, 64.6483



11.2963, 12.2331, 14.3362



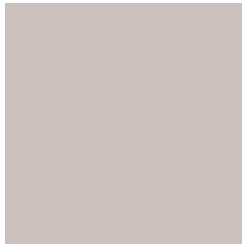
14.1022, 17.2284, 38.5384



0.7854, 1.0046, 2.0075

Previews

White Background



This preview shows how the XYZ color 52.8286, 54.1675, 55.2480 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 52.8286, 54.1675, 55.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

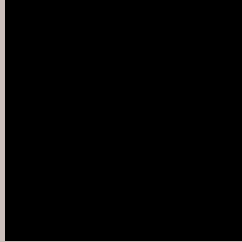
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8286, 54.1675, 55.2480

Background



This preview shows how black text looks on a background with the XYZ color 52.8286, 54.1675, 55.2480.



This preview shows how white text looks on a background with the XYZ color 52.8286, 54.1675,

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

52.8286, 54.1675, 55.2480

Protanopia

52.0303, 54.3998, 55.9020

Deuteranopia

55.1929, 54.0876, 55.6751



Tritanopia

54.5503, 53.8766, 64.6509

Trichromacy



Original Color

52.8286, 54.1675, 55.2480

Protanomaly

52.3427, 54.2316, 55.8531

Deuteranomaly

54.2469, 53.9182, 55.6922

Tritanomaly

53.7833, 53.8833, 60.9919

Monochromacy



Original Color

52.8286, 54.1675, 55.2480

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.0949, 54.3951, 57.6228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8286, 54.1675, 55.2480 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(204, 192, 188)` looks like.

```
.text, #text, p{  
    color:rgb(204, 192, 188)  
}
```

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(204, 192, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 192, 188) }
```

Border

The CSS property to change the border of an element to XYZ 52.8286, 54.1675, 55.2480 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(204, 192, 188) }
```


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

```
.border{ border-color:rgb(204, 192, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 192, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 192, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 192, 188);  
box-shadow:4px 4px 4px 4px rgb(204, 192,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8286, 54.1675, 55.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 192, 188) }
```

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

```
.background{ background-color: rgb(204,  
192, 188) }
```

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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