

Converting Colors

XYZ(52.0667, 53.4510, 55.1515)

Have a look what the booklet for
XYZ(52.0667, 53.4510, 55.1515)
contains.

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Color

**XYZ(52.0650, 53.4490,
55.1495)**

Conversions

Conversions Part 1

Format	Color
Hex	CABFBC
RGB	202, 191, 188
RGB Percent	79%, 75%, 74%
CMY	0.2078, 0.2510, 0.2627
CMYK	0.00, 0.05, 0.07, 0.21
HSL	13°, 12%, 76%
HSV	13°, 7%, 79%
XYZ	52.0650, 53.4490, 55.1495
YIQ	193.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

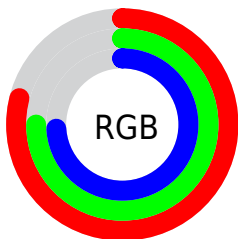
Format	Color
R_{YB}	202, 192, 188
Decimal	13287356
CIE Lab	78.14, 3.34, 2.88
CIE LCh	78, 4.410, 40.843
Yxy	53.4490, 0.3241, 0.3327
Android (android.graphics.Color)	4291477436 (0xFFCABFBC)
YUV	193.9470, -2.9319, 7.0625
Hunter-Lab	73.1088, -0.8203, 6.4509

Details

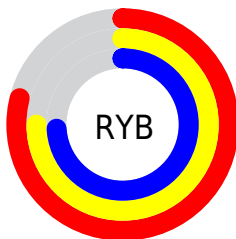
The XYZ color **52.0650, 53.4490, 55.1495** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8230, 55.8015, 63.9171**, and the grayscale version is **51.2618, 53.9314, 58.7312**.

A 20% lighter version of the original color is **90.8299, 94.3132, 99.0050**, and **25.6744, 26.2221, 26.6299** is the 20% darker color. If you saturate the color by 10%, you get **46.7637, 46.0904, 43.3804**, and if you desaturate by 10%, it is **58.0490, 61.6839, 68.6512**.

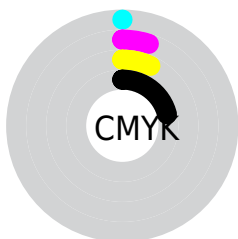
Distribution



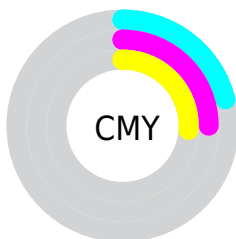
- Red (79%)
- Green (75%)
- Blue (74%)



- Red (79%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0650, 53.4490, 55.1495 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 52.0650, 53.4490, 55.1495 by changing the saturation by 10% instead.

■ 52.0650, 53.4490,
55.1495

■ 52.0650, 53.4490,
55.1495

385.0073,
400.0054, 423.7763

■ 37.2814, 38.1613,
39.1220

■ 92.4008, 95.2647,
99.2333

■ 25.6001, 26.1079,
26.5461

118.6836,
122.5616, 128.1267

■ 16.6558, 16.9044,
17.0032

149.5302,
154.6303, 162.1459

■ 10.0832, 10.1664,
10.0748

185.3059,
191.8552, 201.7092

■ 5.5168, 5.5094,
5.3423

226.3762,
234.6208, 247.2355

■ 2.5914, 2.5491,
2.3873

273.1062,

■ 0.9416, 0.9012,

283.3115, 299.1430

0.7795

325.8615,
338.3115, 357.8504

■ 0.0000, 0.0000,
0.0000

■ 52.0650, 53.4490,
55.1495

■ 52.0650, 53.4490,
55.1495

■ 46.7637, 46.0904,
43.3804

■ 58.0490, 61.6839,
68.6512

■ 42.1162, 39.5723,
33.2702

■ 64.7343, 70.8155,
83.9483

■ 38.0979, 33.8666,
24.7449

■ 72.1447, 80.8725,
101.1046

■ 34.6811, 28.9411,
17.7237

■ 77.9984, 90.9588,
108.0536

■ 31.8360, 24.7613,
12.1185

■ 78.1674, 91.2967,
108.1099

■ 29.5299, 21.2902,
7.8319

■ 27.7268, 18.4875,
4.7544

■ 26.3860, 16.3084,
2.7581

■ 25.4569, 14.7013,
1.6740

Harmonies

Analogous

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



52.4458, 53.4490, 57.3091



52.0650, 53.4490, 55.1495



51.3471, 53.4490, 53.8301

Triad

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



52.0650, 53.4490, 55.1495



49.2531, 53.4490, 56.6541



51.1139, 53.4490, 62.9811

Complementary

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



52.0650, 53.4490, 55.1495



51.8230, 55.8015, 63.9171

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.



50.2601, 53.4490, 62.7937



52.0650, 53.4490, 55.1495



49.1922, 53.4490, 59.0938

Square

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



52.0650, 53.4490, 55.1495



49.7262, 53.4490, 54.6816



49.5589, 53.4490, 61.3545



51.8926, 53.4490, 61.8596

Rectangle

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



52.0650, 53.4490, 55.1495



50.7773, 53.4490, 53.5816



49.5589, 53.4490, 61.3545



50.8260, 53.4490, 63.0699

Sweetspot

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



52.0665, 53.4513, 55.1506



92.9750, 97.1466, 104.2111



52.6730, 52.6566, 61.5428



19.9222, 20.8233, 22.3546



0.0000, 0.0000, 0.0000



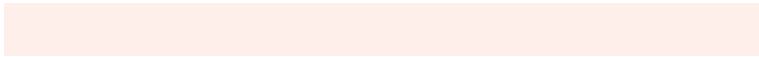
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0665, 53.4513, 55.1506



87.0374, 88.9545, 90.8772



53.5833, 56.4849, 55.6562



11.4042, 11.5973, 11.7169



16.2912, 9.3154, 0.9394



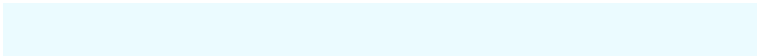
0.8977, 0.5950, 0.0675

Inverse Universe

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



51.8230, 55.8015, 63.9171



86.5586, 93.5733, 108.1071



50.2940, 52.7435, 63.4074



11.3311, 12.3026, 14.3478



14.8678, 18.7595, 38.7936



0.8193, 1.0723, 2.0187

Previews

White Background



This preview shows how the XYZ color 52.0650, 53.4490, 55.1495 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 52.0650, 53.4490, 55.1495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

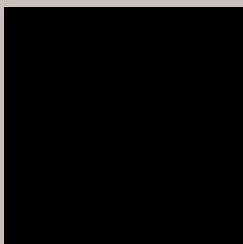
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

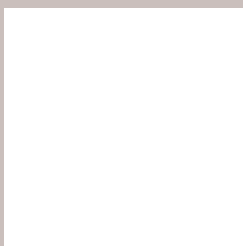
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0650, 53.4490, 55.1495

Background



This preview shows how black text looks on a background with the XYZ color 52.0650, 53.4490, 55.1495.



This preview shows how white text looks on a background with the XYZ color 52.0650, 53.4490,

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

52.0650, 53.4490, 55.1495

Protanopia

51.3236, 53.3792, 55.7423

Deuteranopia

54.3962, 53.3609, 55.5768



Tritanopia

53.8789, 53.5444, 63.9953

Trichromacy



Original Color

52.0650, 53.4490, 55.1495

Protanomaly

51.5881, 53.5155, 55.7547

Deuteranomaly

53.4630, 53.1959, 55.5941

Tritanomaly

53.2351, 53.6006, 60.9662

Monochromacy



Original Color

52.0650, 53.4490, 55.1495

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6103, 53.8160, 57.5365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0650, 53.4490, 55.1495 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(202, 191, 188)` looks like.

```
.text, #text, p{  
    color:rgb(202, 191, 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(202, 191, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 191, 188) }
```

Border

The CSS property to change the border of an element to XYZ 52.0650, 53.4490, 55.1495 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(202, 191, 188) }
```


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

```
.border{ border-color:rgb(202, 191, 188) }
```

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

Here you see how a box with a 4 pixel rgb(202, 191, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 191, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 191, 188);  
box-shadow:4px 4px 4px 4px rgb(202, 191,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0650, 53.4490, 55.1495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 191, 188) }
```

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

```
.background{ background-color: rgb(202,  
191, 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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