

Converting Colors

XYZ(52.6775, 56.2209, 54.5263)

Have a look what the booklet for
XYZ(52.6775, 56.2209, 54.5263)
contains.

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Color

**XYZ(52.6102, 56.0755,
54.5052)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C6BA
RGB	199, 198, 186
RGB Percent	78%, 78%, 73%
CMY	0.2196, 0.2235, 0.2706
CMYK	0.00, 0.01, 0.07, 0.22
HSL	55°, 10%, 75%
HSV	55°, 7%, 78%
XYZ	52.6102, 56.0755, 54.5052
YIQ	196.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

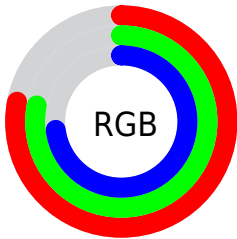
Format	Color
RYB	187, 199, 186
Decimal	13092538
CIELab	79.66, -1.78, 6.12
CIELCh	80, 6.377, 106.221
Yxy	56.0755, 0.3224, 0.3436
Android (android.graphics.Color)	4291282618 (0xFFC7C6BA)
YUV	196.9310, -5.3890, 1.8145
Hunter-Lab	74.8836, -5.6393, 9.2633

Details

The XYZ color **52.6102, 56.0755, 54.5052** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3287, 50.1024, 61.1569**, and the grayscale version is **53.0602, 55.8235, 60.7918**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **25.8840, 27.6597, 26.1649** is the 20% darker color. If you saturate the color by 10%, you get **50.2942, 54.5961, 44.0125**, and if you desaturate by 10%, it is **55.2275, 57.6847, 66.5533**.

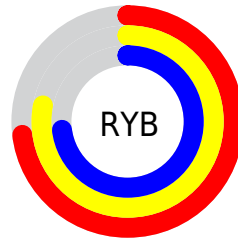
Distribution



Red (78%)

Green (78%)

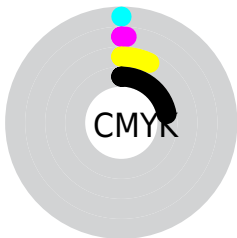
Blue (73%)



Red (73%)

Yellow (78%)

Blue (73%)

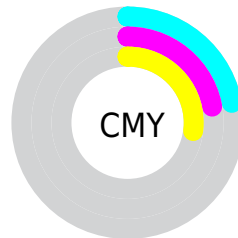


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6102, 56.0755, 54.5052 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 52.6102, 56.0755, 54.5052 by changing the saturation by 10% instead.

■ 52.6102, 56.0755,
54.5052

■ 52.6102, 56.0755,
54.5052

387.0732,
409.9760, 421.2625

■ 37.7179, 40.2635,
38.6098

■ 93.1994, 99.1150,
98.2795

■ 25.9400, 27.7440,
26.1508

119.6271,
127.1112, 126.9954

■ 16.9112, 18.1328,
16.7097

150.6306,
159.9376, 160.8220

■ 10.2661, 11.0454,
9.8680

186.5753,
197.9785, 200.1777

■ 5.6394, 6.0974,
5.2071

227.8266,
241.6184, 245.4810

■ 2.6656, 2.9044,
2.3084

274.7497,

■ 0.9795, 1.0820,

291.2417, 297.1506

0.7359

327.7102,
347.2328, 355.6049

■ 0.0000, 0.0000,
0.0000

■ 52.6102, 56.0755,
54.5052

■ 52.6102, 56.0755,
54.5052

■ 50.2942, 54.5961,
44.0125

■ 55.2275, 57.6847,
66.5533

■ 48.2627, 53.2343,
35.0079

■ 58.1529, 59.4209,
80.2133

■ 46.5043, 51.9874,
27.4243

■ 61.3988, 61.2909,
95.5432

■ 45.0051, 50.8496,
21.1882

■ 63.2208, 62.5970,
103.3581

■ 43.7498, 49.8150,
16.2197

■ 63.5852, 63.3258,
103.4795

■ 42.7216, 48.8768,
12.4301

■ 63.9531, 64.0617,
103.6022

■ 41.9016, 48.0273,
9.7195

■ 64.3247, 64.8047,
103.7260

■ 41.2676, 47.2578,
7.9715

■ 64.6997, 65.5549,
103.8511

■ 40.7908, 46.5566,
7.0346

■ 65.0784, 66.3122,
103.9773

Harmonies

Analogous

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



53.8893, 56.0755, 54.4328



52.6102, 56.0755, 54.5052



51.5323, 56.0755, 56.2862

Triad

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



52.6102, 56.0755, 54.5052



51.6052, 56.0755, 66.3147



55.7363, 56.0755, 62.7592

Complementary

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



52.6102, 56.0755, 54.5052



48.3287, 50.1024, 61.1569

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.



55.1037, 56.0755, 66.0894



52.6102, 56.0755, 54.5052



52.7112, 56.0755, 68.1973

Square

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



52.6102, 56.0755, 54.5052



50.9585, 56.0755, 63.0567



53.9919, 56.0755, 68.1132



55.7082, 56.0755, 59.0994

Rectangle

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



52.6102, 56.0755, 54.5052



51.0668, 56.0755, 58.2451



53.9919, 56.0755, 68.1132



55.5934, 56.0755, 63.9573

Sweetspot

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



52.6117, 56.0779, 54.5064



94.1151, 99.4268, 104.5912



50.0914, 50.8522, 54.2367



20.1543, 21.2875, 22.4319



0.0000, 0.0000, 0.0000



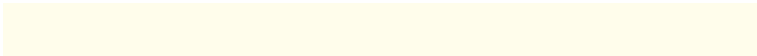
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6117, 56.0779, 54.5064



91.4411, 97.7620, 92.3451



51.4284, 55.8069, 54.5165



11.4517, 12.2725, 11.3280



26.1632, 29.8436, 4.3814



1.2600, 1.4555, 0.2145

Inverse Universe

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



48.3287, 50.1024, 61.1569



82.2214, 84.8989, 106.6613



49.4593, 50.3726, 61.1495



10.1209, 10.4158, 13.3945



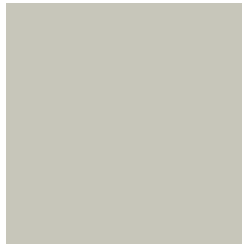
6.7664, 2.9268, 34.9527



0.3436, 0.1849, 1.6627

Previews

White Background



This preview shows how the XYZ color 52.6102, 56.0755, 54.5052 looks on a white background.

Color Contrast Check

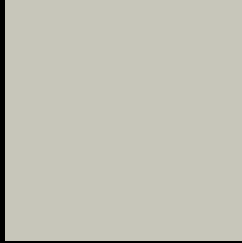
Large Text (above 18pt) WCAG AA × Fail

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 52.6102, 56.0755, 54.5052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

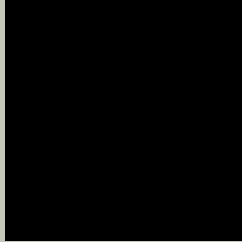
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

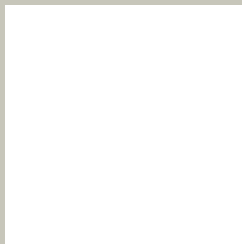
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6102, 56.0755, 54.5052

Background



This preview shows how black text looks on a background with the XYZ color 52.6102, 56.0755, 54.5052.



This preview shows how white text looks on a background with the XYZ color 52.6102, 56.0755,

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

52.6102, 56.0755, 54.5052

Protanopia

53.6250, 56.2727, 53.9343

Deuteranopia

57.1156, 56.0651, 54.8250



Tritanopia

55.2818, 55.7933, 68.8283

Trichromacy



Original Color

52.6102, 56.0755, 54.5052

Protanomaly

53.0803, 55.9918, 53.9088

Deuteranomaly

55.4128, 56.1685, 54.9347

Tritanomaly

54.1451, 55.6648, 63.1490

Monochromacy



Original Color

52.6102, 56.0755, 54.5052

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8806, 55.7885, 58.4332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6102, 56.0755, 54.5052 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(199, 198, 186)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 186)  
}
```

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(199, 198, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 186) }
```

Border

The CSS property to change the border of an element to XYZ 52.6102, 56.0755, 54.5052 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(199, 198, 186) }
```


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

```
.border{ border-color:rgb(199, 198, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 198, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 186);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6102, 56.0755, 54.5052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 186) }
```

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

```
.background{ background-color: rgb(199,  
198, 186) }
```

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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