

Converting Colors

XYZ(52.9172, 56.9653, 52.4623)

Have a look what the booklet for
XYZ(52.9172, 56.9653, 52.4623)
contains.

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Color

**XYZ(52.9172, 56.9653,
52.4623)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C8B6
RGB	200, 200, 182
RGB Percent	78%, 78%, 71%
CMY	0.2157, 0.2157, 0.2863
CMYK	0.00, 0.00, 0.09, 0.22
HSL	60°, 14%, 75%
HSV	60°, 9%, 78%
XYZ	52.9172, 56.9653, 52.4623
YIQ	197.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

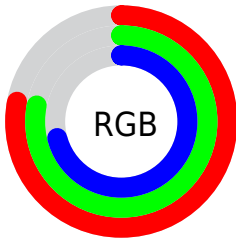
Format	Color
R_YB	182, 200, 182
Decimal	13158582
CIE Lab	80.16, -3.15, 9.00
CIE LCh	80, 9.537, 109.311
Yxy	56.9653, 0.3260, 0.3509
Android (android.graphics.Color)	4291348662 (0xFFC8C8B6)
YUV	197.9480, -7.8624, 1.7996
Hunter-Lab	75.4754, -6.9322, 11.6208

Details

The XYZ color **52.9172, 56.9653, 52.4623** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4468, 47.5726, 61.3810**, and the grayscale version is **53.6900, 56.4861, 61.5133**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **26.0954, 28.2537, 24.8470** is the 20% darker color. If you saturate the color by 10%, you get **50.9956, 56.1984, 42.3425**, and if you desaturate by 10%, it is **55.1372, 57.8553, 64.1395**.

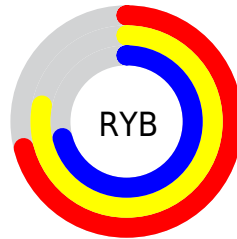
Distribution



Red (78%)

Green (78%)

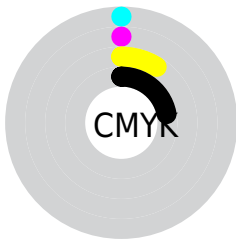
Blue (71%)



Red (71%)

Yellow (78%)

Blue (71%)

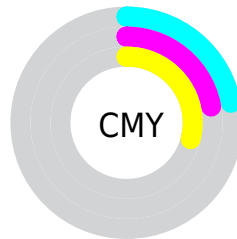


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9172, 56.9653, 52.4623 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 52.9172, 56.9653, 52.4623 by changing the saturation by 10% instead.

■ 52.9172, 56.9653,
52.4623

■ 52.9172, 56.9653,
52.4623

388.2334,
413.3193, 413.2264

■ 37.9639, 40.9774,
36.9889

■ 93.6488, 100.4146,
95.2462

■ 26.1317, 28.3014,
24.9032

120.1577,
128.6447, 123.3938

■ 17.0554, 18.5530,
15.7866

151.2493,
161.7243, 156.6032

■ 10.3696, 11.3477,
9.2205

187.2888,
200.0379, 195.2930

■ 5.7088, 6.3012,
4.7865

228.6416,
243.9698, 239.8816

■ 2.7078, 3.0291,
2.0660

275.6731,

■ 1.0012, 1.1469,

293.9044, 290.7877

0.5954

328.7486,
350.2261, 348.4298

■ 0.0000, 0.0177,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.9172, 56.9653,
52.4623

■ 52.9172, 56.9653,
52.4623

■ 50.9956, 56.1984,
42.3425

■ 55.1372, 57.8553,
64.1395

■ 49.3553, 55.5422,
33.7108


■ 57.6625, 58.8656,
77.4320


■ 47.9845, 54.9937,
26.4981

■ 60.5060, 60.0031,
92.3995


■ 46.8688, 54.5473,
20.6287


■ 62.5297, 60.8127,
103.0501


 45.9923, 54.1966,
16.0194


 62.5308, 60.8133,
103.0501

 45.3377, 53.9346,
12.5781


 62.5320, 60.8139,
103.0502

 44.8850, 53.7533,
10.2000

 62.5331, 60.8145,
103.0503

 44.6107, 53.6435,
8.7619

 62.5343, 60.8151,
103.0503

 44.4757, 53.5894,
8.0570

 62.5354, 60.8157,
103.0504

Harmonies

Analogous

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



54.8400, 56.9653, 52.0907



52.9172, 56.9653, 52.4623



51.3590, 56.9653, 55.3055

Triad

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



52.9172, 56.9653, 52.4623



51.7435, 56.9653, 70.5011



57.9001, 56.9653, 64.0321

Complementary

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



52.9172, 56.9653, 52.4623



46.4468, 47.5726, 61.3810

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.



57.0276, 56.9653, 69.2690



52.9172, 56.9653, 52.4623



53.4535, 56.9653, 73.1495

Square

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



52.9172, 56.9653, 52.4623



50.6926, 56.9653, 65.6331



55.3892, 56.9653, 72.6856



57.7482, 56.9653, 58.5527

Rectangle

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



52.9172, 56.9653, 52.4623



50.7220, 56.9653, 58.3202



55.3892, 56.9653, 72.6856



57.7161, 56.9653, 65.8845

Sweetspot

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



52.9188, 56.9678, 52.4635



93.8420, 99.5167, 102.5418



48.9926, 49.1140, 51.1545



20.0187, 21.2737, 21.5937



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.



52.9188, 56.9678, 52.4635



90.8560, 98.3221, 86.8263



50.5857, 55.7651, 52.3543



11.5237, 12.4169, 11.3521



28.2708, 34.0694, 5.0860



1.3387, 1.6132, 0.2408

Inverse Universe

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



46.4468, 47.5726, 61.3810



77.1701, 78.4546, 105.6837



48.6408, 48.7036, 61.4837



10.0569, 10.2876, 13.3731



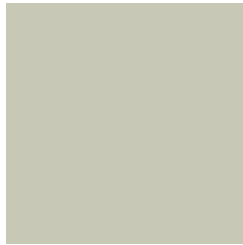
6.6292, 2.6517, 34.9068



0.3140, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 52.9172, 56.9653, 52.4623 looks on a white background.

Color Contrast Check

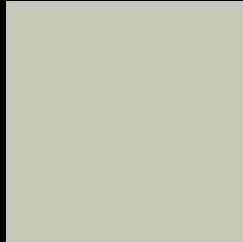
Large Text (above 18pt) WCAG AA × Fail

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 52.9172, 56.9653, 52.4623 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

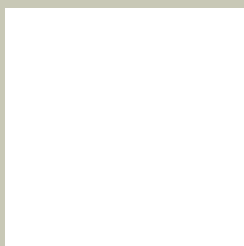
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9172, 56.9653, 52.4623

Background



This preview shows how black text looks on a background with the XYZ color 52.9172, 56.9653, 52.4623.



This preview shows how white text looks on a background with the XYZ color 52.9172, 56.9653,

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

52.9172, 56.9653, 52.4623

Protanopia

53.9882, 56.8462, 51.8430

Deuteranopia

57.9328, 56.8479, 53.2668



Tritanopia

56.3996, 57.0204, 69.6615

Trichromacy



Original Color

52.9172, 56.9653, 52.4623

Protanomaly

53.6658, 57.0204, 51.8936

Deuteranomaly

56.0867, 56.8962, 52.8257

Tritanomaly

55.0202, 56.7991, 62.7070

Monochromacy



Original Color

52.9172, 56.9653, 52.4623

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4910, 56.7947, 58.0124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9172, 56.9653, 52.4623 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(200, 200, 182)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 182)  
}
```

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(200, 200, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 182) }
```

Border

The CSS property to change the border of an element to XYZ 52.9172, 56.9653, 52.4623 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(200, 200, 182) }
```


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

```
.border{ border-color:rgb(200, 200, 182) }
```

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

Here you see how a box with a 4 pixel rgb(200, 200, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 182);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9172, 56.9653, 52.4623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 200, 182) }
```

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

```
.background{ background-color: rgb(200,  
200, 182) }
```

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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