

Converting Colors

XYZ(52.6839, 57.0362, 46.5946)

Have a look what the booklet for
XYZ(52.6839, 57.0362, 46.5946)
contains.

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Color

**XYZ(52.6336, 56.9453,
46.7455)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC8AB
RGB	203, 200, 171
RGB Percent	80%, 78%, 67%
CMY	0.2039, 0.2157, 0.3294
CMYK	0.00, 0.01, 0.16, 0.20
HSL	54°, 24%, 73%
HSV	54°, 16%, 80%
XYZ	52.6336, 56.9453, 46.7455
YIQ	197.5910, 11.0970, -8.3830

Conversions

Conversions Part 2

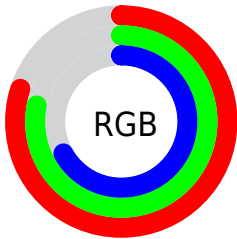
Format	Color
RYB	174, 203, 171
Decimal	13355179
CIELab	80.15, -3.84, 14.90
CIElCh	80, 15.384, 104.460
Yxy	56.9453, 0.3367, 0.3643
Android (android.graphics.Color)	4291545259 (0xFFCBC8AB)
YUV	197.5910, -13.1094, 4.7437
Hunter-Lab	75.4621, -7.5578, 16.0959

Details

The XYZ color **52.6336, 56.9453, 46.7455** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.7101, 43.2411, 62.5958**, and the grayscale version is **53.5018, 56.2881, 61.2977**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **26.0031, 28.2792, 21.5407** is the 20% darker color. If you saturate the color by 10%, you get **50.4085, 55.3572, 37.1794**, and if you desaturate by 10%, it is **55.1645, 58.6683, 57.8811**.

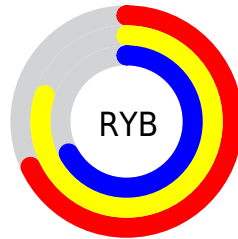
Distribution



Red (80%)

Green (78%)

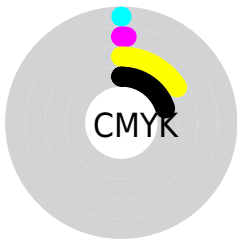
Blue (67%)



Red (68%)

Yellow (80%)

Blue (67%)

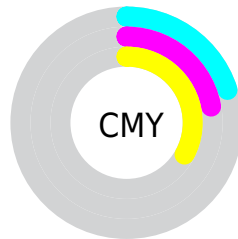


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6336, 56.9453, 46.7455 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 52.6336, 56.9453, 46.7455 by changing the saturation by 10% instead.

■ 52.6336, 56.9453,
46.7455

■ 52.6336, 56.9453,
46.7455

387.1617,
413.2443, 390.1621

■ 37.7367, 40.9613,
32.4816

■ 93.2337, 100.3854,
86.6796

■ 25.9547, 28.2889,
21.4618

119.6676,
128.6103, 113.1869

■ 16.9222, 18.5435,
13.2674

150.6778,
161.6842, 144.6124

■ 10.2740, 11.3409,
7.4801

186.6297,
199.9917, 181.3747

■ 5.6447, 6.2966,
3.6811

227.8887,
243.9170, 223.8922

■ 2.6688, 3.0263,
1.4521

274.8202,

■ 0.9812, 1.1455,

293.8447, 272.5836

0.1819

327.7894,
350.1590, 327.8674

■ 0.0000, 0.0165,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6336, 56.9453,
46.7455

■ 52.6336, 56.9453,
46.7455

■ 50.4085, 55.3572,
37.1794

■ 55.1645, 58.6683,
57.8811

■ 48.4710, 53.8909,
29.1079

■ 58.0092, 60.5237,
70.6491

■ 46.8081, 52.5432,
22.4556

■ 61.1812, 62.5189,
85.1136

■ 45.4040, 51.3076,
17.1389

■ 64.6919, 64.6584,
101.3340

■ 44.2410, 50.1772,
13.0655

■ 65.6042, 65.7674,
103.8444

■ 43.2994, 49.1439,
10.1316

■ 66.0748, 66.7086,
104.0013

■ 42.5562, 48.1985,
8.2163

■ 66.5511, 67.6610,
104.1600

■ 41.9831, 47.3296,
7.1698

■ 67.0329, 68.6247,
104.3206

■ 41.7682, 46.9753,
6.8657

■ 67.5203, 69.5995,
104.4831

Harmonies

Analogous

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



55.7557, 56.9453, 46.8153



52.6336, 56.9453, 46.7455



50.0119, 56.9453, 50.4812

Triad

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



52.6336, 56.9453, 46.7455



49.9358, 56.9453, 74.8974



60.1421, 56.9453, 66.7443

Complementary

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



52.6336, 56.9453, 46.7455



42.7101, 43.2411, 62.5958

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.



58.4572, 56.9453, 75.1585



52.6336, 56.9453, 46.7455



52.5260, 56.9453, 80.1662

Square

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



52.6336, 56.9453, 46.7455



48.4956, 56.9453, 66.4149



55.6439, 56.9453, 80.2661



60.1736, 56.9453, 57.7924

Rectangle

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



52.6336, 56.9453, 46.7455



48.8664, 56.9453, 54.8552



55.6439, 56.9453, 80.2661



59.7475, 56.9453, 69.7479

Sweetspot

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



52.6351, 56.9478, 46.7467



92.6849, 98.4465, 98.3185



46.8517, 44.8869, 46.3422



19.7696, 21.0259, 20.7380



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.



52.6351, 56.9478, 46.7467



86.7774, 94.4028, 72.3913



49.9925, 56.6257, 46.8238



12.0606, 12.9101, 11.9357



26.6168, 29.9665, 4.3813



1.3999, 1.5995, 0.2350

Inverse Universe

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



42.7101, 43.2411, 62.5958



66.9723, 67.0521, 104.0203



45.0624, 43.6041, 62.5419



10.6848, 11.0101, 14.1324



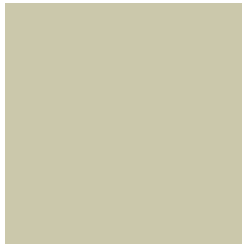
7.0383, 3.1005, 36.1838



0.3928, 0.2193, 1.8766

Previews

White Background



This preview shows how the XYZ color 52.6336, 56.9453, 46.7455 looks on a white background.

Color Contrast Check

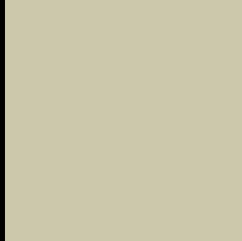
Large Text (above 18pt) WCAG AA × Fail

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 52.6336, 56.9453, 46.7455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

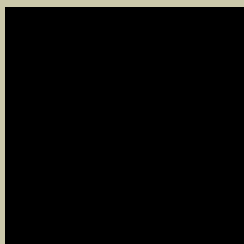
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

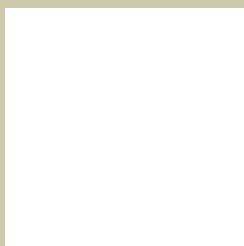
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6336, 56.9453, 46.7455

Background



This preview shows how black text looks on a background with the XYZ color 52.6336, 56.9453, 46.7455.



This preview shows how white text looks on a background with the XYZ color 52.6336, 56.9453,

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

52.6336, 56.9453, 46.7455

Protanopia

53.7443, 56.8458, 46.1699

Deuteranopia

57.8522, 56.6096, 47.4128



Tritanopia

56.9371, 56.6466, 68.9058

Trichromacy



Original Color

52.6336, 56.9453, 46.7455

Protanomaly

53.4112, 57.0145, 46.2200

Deuteranomaly

55.6516, 56.4676, 46.9959

Tritanomaly

55.1573, 56.5872, 60.2399

Monochromacy



Original Color

52.6336, 56.9453, 46.7455

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.3199, 56.7570, 55.7219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6336, 56.9453, 46.7455 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(203, 200, 171)` looks like.

```
.text, #text, p{  
    color:rgb(203, 200, 171)  
}
```

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(203, 200, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 200, 171) }
```

Border

The CSS property to change the border of an element to XYZ 52.6336, 56.9453, 46.7455 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(203, 200, 171) }
```


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

```
.border{ border-color:rgb(203, 200, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 200, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 200, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 200, 171);  
box-shadow:4px 4px 4px 4px rgb(203, 200,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6336, 56.9453, 46.7455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 200, 171) }
```

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

```
.background{ background-color: rgb(203,  
200, 171) }
```

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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