

Converting Colors

XYZ(52.0794, 56.6813, 49.5147)

Have a look what the booklet for
XYZ(52.0794, 56.6813, 49.5147)
contains.

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Color

**XYZ(52.0439, 56.5853,
49.2533)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C8B0
RGB	199, 200, 176
RGB Percent	78%, 78%, 69%
CMY	0.2196, 0.2157, 0.3098
CMYK	0.01, 0.00, 0.12, 0.22
HSL	63°, 18%, 74%
HSV	63°, 12%, 78%
XYZ	52.0439, 56.5853, 49.2533
YIQ	196.9650, 7.1080, -7.6760

Conversions

Conversions Part 2

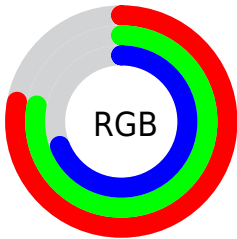
Format	Color
RYB	176, 200, 177
Decimal	13093040
CIELab	79.95, -4.51, 11.90
CIElCh	80, 12.720, 110.745
Yxy	56.5853, 0.3296, 0.3584
Android (android.graphics.Color)	4291283120 (0xFFC7C8B0)
YUV	196.9650, -10.3357, 1.7847
Hunter-Lab	75.2232, -8.1436, 13.8354

Details

The XYZ color **52.0439, 56.5853, 49.2533** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.0844, 44.5695, 60.9260**, and the grayscale version is **53.1085, 55.8743, 60.8471**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **25.5311, 28.0076, 22.7993** is the 20% darker color. If you saturate the color by 10%, you get **49.9881, 55.7393, 39.5770**, and if you desaturate by 10%, it is **54.3956, 57.5536, 60.4677**.

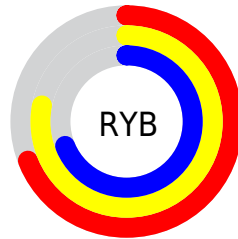
Distribution



Red (78%)

Green (78%)

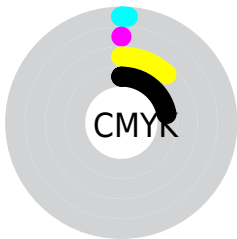
Blue (69%)



Red (69%)

Yellow (78%)

Blue (69%)

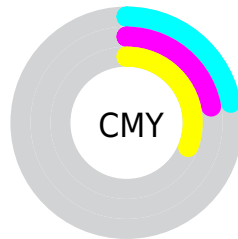


Cyan (1%)

Magenta (0%)

Yellow (12%)

Black (22%)



Cyan (22%)


Magenta (22%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0439, 56.5853, 49.2533 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 52.0439, 56.5853, 49.2533 by changing the saturation by 10% instead.


 52.0439, 56.5853,
49.2533

 52.0439, 56.5853,
49.2533


384.9272,
411.8935, 400.3898

 37.2645, 40.6724,
34.4534


 92.3698, 99.8598,
90.4524

 25.5869, 28.0632,
22.9620


118.6470,
127.9902, 117.6888

 16.6459, 18.3733,
14.3604


149.4876,
160.9619, 149.9077

 10.0761, 11.2183,
8.2301

185.2567,
199.1593, 187.5277

 5.5121, 6.2139,
4.1527

226.3199,
242.9668, 230.9674

 2.5886, 2.9756,
1.7095

273.0425,

 0.9401, 1.1190,

292.7687, 280.6453

0.3672

325.7898,
348.9495, 336.9799

■ 0.0000, 0.0000,
0.0000

■ 52.0439, 56.5853,
49.2533

■ 52.0439, 56.5853,
49.2533

■ 49.9881, 55.7393,
39.5770

■ 54.3956, 57.5536,
60.4677

■ 48.2110, 55.0030,
31.3684

■ 57.0505, 58.6414,
73.2795

■ 46.7003, 54.3734,
24.5567

■ 60.0214, 59.8558,
87.7490

■ 45.4414, 53.8447,
19.0642

■ 63.1571, 61.1362,
103.0795

■ 44.4179, 53.4102,
14.8054

■ 63.3847, 61.2536,
103.0901

■ 43.6118, 53.0629,
11.6848

■ 63.6136, 61.3715,
103.1008

■ 43.0022, 52.7943,
9.5928

■ 63.8437, 61.4902,
103.1116

■ 42.5643, 52.5946,
8.3985

■ 64.0750, 61.6094,
103.1224

■ 42.3013, 52.4698,
7.8982

■ 64.3076, 61.7293,
103.1333

Harmonies

Analogous

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



54.5848, 56.5853, 48.6217



52.0439, 56.5853, 49.2533



50.0306, 56.5853, 53.0488

Triad

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



52.0439, 56.5853, 49.2533



50.7031, 56.5853, 73.2855



58.8309, 56.5853, 63.9260

Complementary

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



52.0439, 56.5853, 49.2533



44.0844, 44.5695, 60.9260

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.



57.7177, 56.5853, 71.0500



52.0439, 56.5853, 49.2533



52.9884, 56.5853, 76.7311

Square

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



52.0439, 56.5853, 49.2533



49.2739, 56.5853, 66.7844



55.5597, 56.5853, 75.8818



58.5583, 56.5853, 56.7134

Rectangle

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



52.0439, 56.5853, 49.2533



49.2323, 56.5853, 57.0426



55.5597, 56.5853, 75.8818



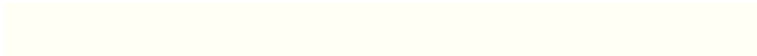
58.6051, 56.5853, 66.4187

Sweetspot

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



52.0454, 56.5878, 49.2545



93.2940, 99.2795, 100.4719



47.3404, 46.7807, 47.6095



19.9001, 21.2217, 21.1767



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.



52.0454, 56.5878, 49.2545



89.2782, 97.6280, 81.3637



49.0354, 55.0360, 49.1136



11.4783, 12.3935, 11.3500



26.9147, 33.3703, 5.0226



1.2883, 1.5873, 0.2385

Inverse Universe

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



44.0844, 44.5695, 60.9260



73.2160, 73.3796, 104.9125



46.8891, 46.0153, 61.0573



10.0970, 10.3083, 13.3750



6.7143, 2.6956, 34.9108



0.3326, 0.1352, 1.6537

Previews

White Background



This preview shows how the XYZ color 52.0439, 56.5853, 49.2533 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 52.0439, 56.5853, 49.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

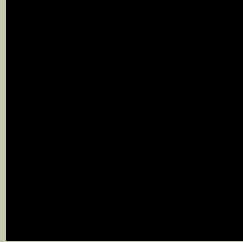
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

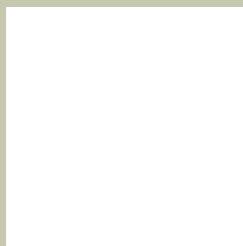
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0439, 56.5853, 49.2533

Background



This preview shows how black text looks on a background with the XYZ color 52.0439, 56.5853, 49.2533.



This preview shows how white text looks on a background with the XYZ color 52.0439, 56.5853,

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

52.0439, 56.5853, 49.2533

Protanopia

53.6641, 56.7487, 48.6826

Deuteranopia

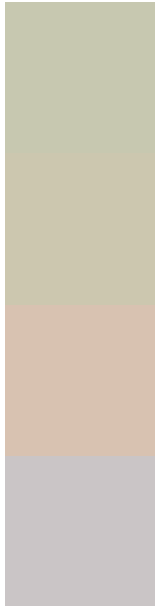
57.7180, 56.4835, 49.9798



Tritanopia

56.0498, 56.5207, 68.9282

Trichromacy



Original Color

52.0439, 56.5853, 49.2533

Protanomaly

53.0631, 56.7794, 48.7202

Deuteranomaly

55.5465, 56.3568, 49.5453

Tritanomaly

54.5164, 56.5663, 61.4711

Monochromacy



Original Color

52.0439, 56.5853, 49.2533

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.6681, 56.0681, 56.1904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0439, 56.5853, 49.2533 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, 200, 176)` looks like.

```
.text, #text, p{  
    color:rgb(199, 200, 176)  
}
```

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, 200, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 200, 176) }
```

Border

The CSS property to change the border of an element to XYZ 52.0439, 56.5853, 49.2533 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, 200, 176) }
```


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

```
.border{ border-color:rgb(199, 200, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 200, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 200, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 200, 176);  
box-shadow:4px 4px 4px 4px rgb(199, 200,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0439, 56.5853, 49.2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 200, 176) }
```

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

```
.background{ background-color: rgb(199,  
200, 176) }
```

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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