

Converting Colors

XYZ(52.7435, 56.4350, 56.8304)

Have a look what the booklet for
XYZ(52.7435, 56.4350, 56.8304)
contains.

XYZ(52.7436, 56.4349, 56.8283)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.7436, 56.4349,
56.8283)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C7BE
RGB	197, 199, 190
RGB Percent	77%, 78%, 75%
CMY	0.2274, 0.2196, 0.2549
CMYK	0.01, 0.00, 0.05, 0.22
HSL	73°, 7%, 76%
HSV	73°, 5%, 78%
XYZ	52.7436, 56.4349, 56.8283
YIQ	197.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

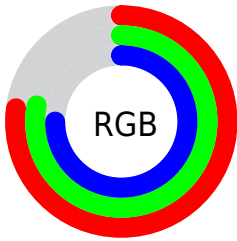
Format	Color
RYB	190, 199, 192
Decimal	12961726
CIELab	79.86, -2.31, 4.25
CIELCh	80, 4.839, 118.563
Yxy	56.4349, 0.3177, 0.3400
Android (android.graphics.Color)	4291151806 (0xFFC5C7BE)
YUV	197.3760, -3.6364, -0.3298
Hunter-Lab	75.1232, -6.1416, 7.7352

Details

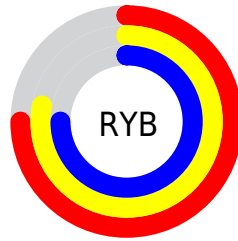
The XYZ color **52.7436, 56.4349, 56.8283** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4628, 52.1585, 61.4438**, and the grayscale version is **53.3201, 56.0969, 61.0895**.

A 20% lighter version of the original color is **93.2676, 99.2447, 101.4292**, and **25.9684, 27.8966, 27.6828** is the 20% darker color. If you saturate the color by 10%, you get **49.5730, 55.0364, 46.0906**, and if you desaturate by 10%, it is **56.2485, 57.9747, 69.1343**.

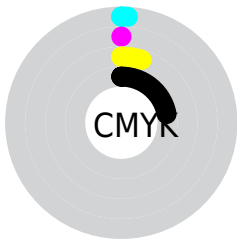
Distribution



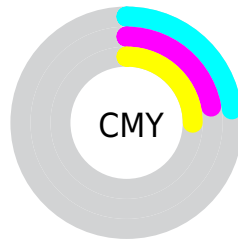
- Red (77%)
- Green (78%)
- Blue (75%)



- Red (75%)
- Yellow (78%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7436, 56.4349, 56.8283 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 52.7436, 56.4349, 56.8283 by changing the saturation by 10% instead.

■ 52.7436, 56.4349,
56.8283

■ 52.7436, 56.4349,
56.8283

387.5776,
411.3284, 430.2813

■ 37.8248, 40.5517,
40.4590

■ 93.3947, 99.6402,
101.7125

■ 26.0233, 27.9690,
27.5801

119.8577,
127.7310, 131.0644

■ 16.9739, 18.3023,
17.7731

150.8995,
160.6599, 165.5809

■ 10.3110, 11.1672,
10.6194

186.8855,
198.8112, 205.6805

■ 5.6695, 6.1794,
5.7006

228.1809,
242.5693, 251.7818

■ 2.6839, 2.9545,
2.5981

275.1511,

■ 0.9889, 1.1080,

292.3186, 304.3034

0.8915

328.1616,
348.4435, 363.6637

■ 0.0000, 0.0000,
0.0000

■ 52.7436, 56.4349,
56.8283

■ 52.7436, 56.4349,
56.8283

■ 49.5730, 55.0364,
46.0906

■ 56.2485, 57.9747,
69.1343

■ 46.7197, 53.7670,
36.8545

■ 60.0945, 59.6530,
83.0644

■ 44.1722, 52.6237,
29.0541

■ 64.2943, 61.4769,
98.6760

■ 41.9166, 51.6010,
22.6169

■ 66.4166, 62.4738,
103.1659

■ 39.9375, 50.6928,
17.4643

■ 67.7329, 63.1523,
103.2275

■ 38.2182, 49.8922,
13.5097

■ 69.0846, 63.8492,
103.2907

■ 36.7400, 49.1918,
10.6557

■ 70.4722, 64.5645,
103.3557

■ 35.4810, 48.5828,
8.7897

■ 71.8957, 65.2984,
103.4223

■ 34.4152, 48.0546,
7.7751

■ 73.3555, 66.0509,
103.4906

Harmonies

Analogous

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



53.6869, 56.4349, 56.2086



52.7436, 56.4349, 56.8283



52.0477, 56.4349, 58.6757

Triad

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



52.7436, 56.4349, 56.8283



52.6627, 56.4349, 66.1693



55.5459, 56.4349, 61.5834

Complementary

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



52.7436, 56.4349, 56.8283



50.4628, 52.1585, 61.4438

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.



55.2638, 56.4349, 64.3063



52.7436, 56.4349, 56.8283



53.5924, 56.4349, 67.0033

Square

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



52.7436, 56.4349, 56.8283



52.0014, 56.4349, 64.0650



54.5459, 56.4349, 66.3115



55.3120, 56.4349, 58.9032

Rectangle

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



52.7436, 56.4349, 56.8283



51.8136, 56.4349, 60.3840



54.5459, 56.4349, 66.3115



55.5082, 56.4349, 62.5245

Sweetspot

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



52.7452, 56.4373, 56.8295



94.4336, 99.7293, 106.7423



51.6881, 53.5388, 56.3258



20.2192, 21.3490, 22.8700



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.



52.7452, 56.4373, 56.8295



92.0282, 98.6715, 98.3965



51.5974, 55.8456, 56.7758



11.5520, 12.4115, 12.2553



21.8663, 30.7678, 4.7863



1.0940, 1.4871, 0.2294

Inverse Universe

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



50.4628, 52.1585, 61.4438



87.5635, 90.3015, 107.4226



51.6064, 52.7480, 61.4973



10.9303, 11.2460, 13.5121



7.3678, 3.0325, 34.9414



0.4133, 0.1768, 1.6575

Previews

White Background



This preview shows how the XYZ color 52.7436, 56.4349, 56.8283 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 52.7436, 56.4349, 56.8283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

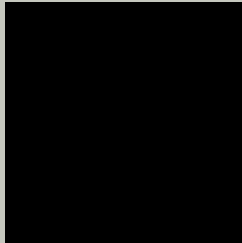
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7436, 56.4349, 56.8283

Background



This preview shows how black text looks on a background with the XYZ color 52.7436, 56.4349, 56.8283.



This preview shows how white text looks on a background with the XYZ color 52.7436, 56.4349,

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

52.7436, 56.4349, 56.8283

Protanopia

53.7802, 56.3031, 56.1772

Deuteranopia

57.3586, 56.1274, 57.6797



Tritanopia

55.3172, 56.4624, 69.6108

Trichromacy



Original Color

52.7436, 56.4349, 56.8283

Protanomaly

53.4668, 56.4798, 56.2278

Deuteranomaly

55.5597, 56.1940, 57.2084

Tritanomaly

54.2989, 56.3864, 64.5217

Monochromacy



Original Color

52.7436, 56.4349, 56.8283

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9576, 56.1535, 59.0865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7436, 56.4349, 56.8283 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(197, 199, 190)` looks like.

```
.text, #text, p{  
    color:rgb(197, 199, 190)  
}
```

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(197, 199, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 199, 190) }
```

Border

The CSS property to change the border of an element to XYZ 52.7436, 56.4349, 56.8283 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(197, 199, 190) }
```


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

```
.border{ border-color:rgb(197, 199, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 199, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 199, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 199, 190);  
box-shadow:4px 4px 4px 4px rgb(197, 199,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7436, 56.4349, 56.8283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 199, 190) }
```

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

```
.background{ background-color: rgb(197,  
199, 190) }
```

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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