

Converting Colors

XYZ(53.3562, 56.0157, 56.3509)

Have a look what the booklet for
XYZ(53.3562, 56.0157, 56.3509)
contains.

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Color

**XYZ(53.2390, 56.0241,
56.1519)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5BD
RGB	201, 197, 189
RGB Percent	79%, 77%, 74%
CMY	0.2118, 0.2274, 0.2588
CMYK	0.00, 0.02, 0.06, 0.21
HSL	40°, 10%, 76%
HSV	40°, 6%, 79%
XYZ	53.2390, 56.0241, 56.1519
YIQ	197.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

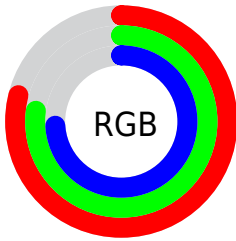
Format	Color
R_{YB}	195, 201, 189
Decimal	13223357
CIE Lab	79.63, -0.03, 4.49
CIE LCh	80, 4.490, 90.337
Yxy	56.0241, 0.3219, 0.3387
Android (android.graphics.Color)	4291413437 (0xFFC9C5BD)
YUV	197.2840, -4.0840, 3.2589
Hunter-Lab	74.8492, -4.0222, 7.9151

Details

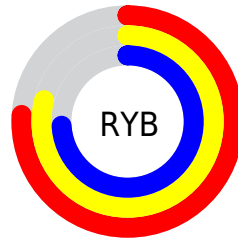
The XYZ color **53.2390, 56.0241, 56.1519** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5990, 53.1752, 62.8562**, and the grayscale version is **53.2656, 56.0396, 61.0271**.

A 20% lighter version of the original color is **93.1632, 98.7362, 100.5340**, and **26.2990, 27.6255, 27.2387** is the 20% darker color. If you saturate the color by 10%, you get **49.7207, 52.2400, 44.9504**, and if you desaturate by 10%, it is **57.1304, 60.0691, 68.9710**.

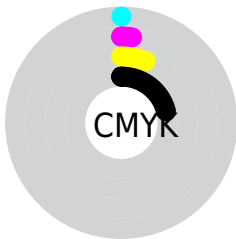
Distribution



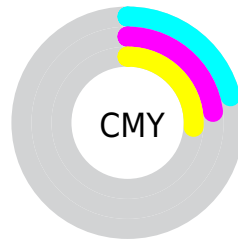
- Red (79%)
- Green (77%)
- Blue (74%)



- Red (76%)
- Yellow (79%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2390, 56.0241, 56.1519 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 53.2390, 56.0241, 56.1519 by changing the saturation by 10% instead.

■ 53.2390, 56.0241,
56.1519

■ 53.2390, 56.0241,
56.1519

389.4473,
409.7823, 427.6681

■ 38.2218, 40.2222,
39.9199

■ 94.1194, 99.0398,
100.7146

■ 26.3329, 27.7119,
27.1628

120.7134,
127.0225, 129.8825

■ 17.2068, 18.1086,
17.4620

151.8970,
159.8342, 164.1994

■ 10.4783, 11.0280,
10.3990

188.0356,
197.8593, 204.0838

■ 5.7819, 6.0857,
5.5553

229.4946,
241.4823, 249.9543

■ 2.7523, 2.8972,
2.5122

276.6393,

■ 1.0242, 1.0783,

291.0876, 302.2296

0.8466

329.8351,
347.0594, 361.3280

■ 0.0000, 0.0000,
0.0000

■ 53.2390, 56.0241,
56.1519

■ 53.2390, 56.0241,
56.1519

■ 49.7207, 52.2400,
44.9504

■ 57.1304, 60.0691,
68.9710

■ 46.5575, 48.7028,
35.2974

■ 61.4027, 64.3739,
83.4657

■ 43.7370, 45.4079,
27.1243

■ 66.0694, 68.9473,
99.6956

■ 41.2439, 42.3478,
20.3558

■ 68.7350, 72.8322,
105.0430

■ 39.0619, 39.5144,
14.9099

■ 70.5675, 76.4973,
105.6539

■ 37.1730, 36.8991,
10.6962

■ 72.4717, 80.3055,
106.2886

■ 35.5567, 34.4921,
7.6125

■ 74.4482, 84.2585,
106.9474

■ 34.1898, 32.2825,
5.5404

■ 76.4978, 88.3578,
107.6306

■ 33.0429, 30.2570,
4.3312

■ 77.8978, 91.1577,
108.0973

Harmonies

Analogous

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



54.1150, 56.0241, 56.7721



53.2390, 56.0241, 56.1519



52.3752, 56.0241, 56.8000

Triad

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



53.2390, 56.0241, 56.1519



51.7615, 56.0241, 63.5525



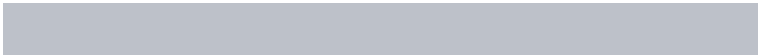
54.7756, 56.0241, 63.5004

Complementary

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



53.2390, 56.0241, 56.1519



50.5990, 53.1752, 62.8562

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.



54.1329, 56.0241, 65.4036



53.2390, 56.0241, 56.1519



52.3927, 56.0241, 65.4343

Square

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



53.2390, 56.0241, 56.1519



51.5281, 56.0241, 61.0300



53.2595, 56.0241, 66.1209



55.0083, 56.0241, 60.9714

Rectangle

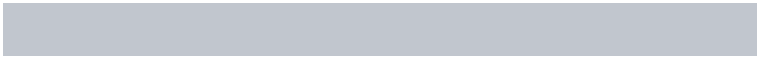
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.2390, 56.0241, 56.1519



51.9209, 56.0241, 57.8749



53.2595, 56.0241, 66.1209



54.6000, 56.0241, 64.2371

Sweetspot

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



53.2406, 56.0265, 56.1531



93.7001, 98.5969, 104.4529



51.9115, 52.6639, 57.8820



20.0699, 21.1186, 22.4038



0.0000, 0.0000, 0.0000



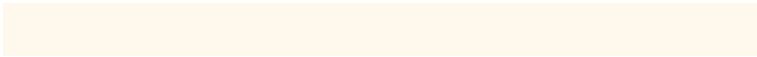
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2406, 56.0265, 56.1531



90.4407, 95.1685, 93.8383



53.6260, 57.5904, 56.4347



11.3609, 11.9545, 11.7183



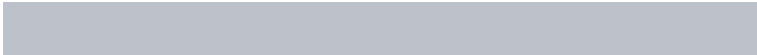
20.5974, 18.7119, 2.5262



1.0399, 1.0151, 0.1411

Inverse Universe

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



50.5990, 53.1752, 62.8562



85.1042, 89.4085, 107.3798



50.2269, 51.6895, 62.5890



10.6525, 11.1898, 13.5159



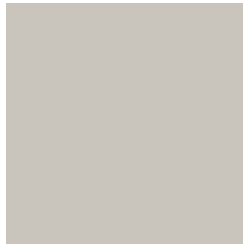
7.9645, 5.3230, 35.3520



0.4440, 0.3858, 1.6962

Previews

White Background



This preview shows how the XYZ color 53.2390, 56.0241, 56.1519 looks on a white background.

Color Contrast Check

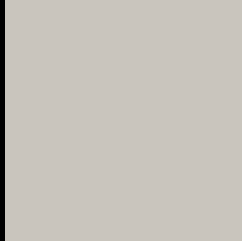
Large Text (above 18pt) WCAG AA × Fail

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 53.2390, 56.0241, 56.1519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

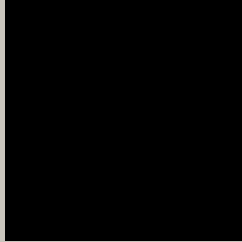
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

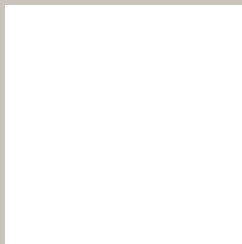
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2390, 56.0241, 56.1519

Background



This preview shows how black text looks on a background with the XYZ color 53.2390, 56.0241, 56.1519.

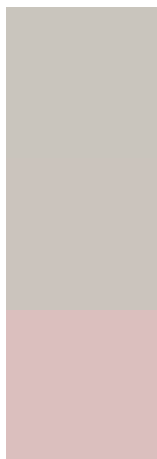


This preview shows how white text looks on a background with the XYZ color 53.2390, 56.0241,

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

53.2390, 56.0241, 56.1519

Protanopia

53.5538, 55.8505, 56.1017

Deuteranopia

57.1385, 56.0394, 56.5204



Tritanopia

55.7022, 56.0244, 68.1996

Trichromacy



Original Color

53.2390, 56.0241, 56.1519

Protanomaly

53.2824, 55.7105, 56.0890

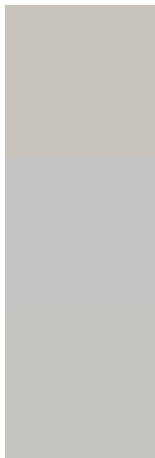
Deuteranomaly

55.5156, 55.8547, 56.5702

Tritanomaly

54.8044, 55.9910, 63.7960

Monochromacy



Original Color

53.2390, 56.0241, 56.1519

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9926, 55.8333, 59.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2390, 56.0241, 56.1519 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(201, 197, 189)` looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 189)  
}
```

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(201, 197, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.2390, 56.0241, 56.1519 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(201, 197, 189) }
```


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

```
.border{ border-color:rgb(201, 197, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 189);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2390, 56.0241, 56.1519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 189) }
```

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

```
.background{ background-color: rgb(201,  
197, 189) }
```

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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