

Converting Colors

XYZ(50.0556, 53.5490, 48.2552)

Have a look what the booklet for
XYZ(50.0556, 53.5490, 48.2552)
contains.

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Color

**XYZ(50.0556, 53.5490,
48.2552)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C2AF
RGB	197, 194, 175
RGB Percent	77%, 76%, 69%
CMY	0.2274, 0.2392, 0.3137
CMYK	0.00, 0.02, 0.11, 0.23
HSL	52°, 16%, 73%
HSV	52°, 11%, 77%
XYZ	50.0556, 53.5490, 48.2552
YIQ	192.7310, 7.8870, -5.2730

Conversions

Conversions Part 2

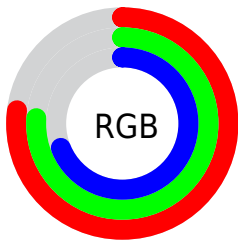
Format	Color
RYB	178, 197, 175
Decimal	12960431
CIELab	78.20, -2.25, 9.93
CIELCh	78, 10.178, 102.767
Yxy	53.5490, 0.3296, 0.3526
Android (android.graphics.Color)	4291150511 (0xFFC5C2AF)
YUV	192.7310, -8.7414, 3.7439
Hunter-Lab	73.1772, -5.9602, 12.1264

Details

The XYZ color **50.0556, 53.5490, 48.2552** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6776, 44.9852, 59.2048**, and the grayscale version is **50.5783, 53.2123, 57.9482**.

A 20% lighter version of the original color is **89.4825, 95.2116, 89.2627**, and **24.2809, 26.0259, 22.4826** is the 20% darker color. If you saturate the color by 10%, you get **47.6690, 51.6493, 38.6001**, and if you desaturate by 10%, it is **52.7382, 55.5879, 59.4030**.

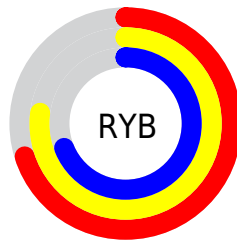
Distribution



Red (77%)

Green (76%)

Blue (69%)



Red (70%)

Yellow (77%)

Blue (69%)

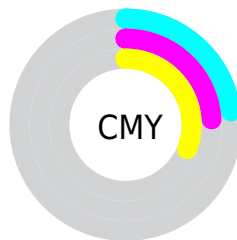


Cyan (0%)

Magenta (2%)

Yellow (11%)

Black (23%)



Cyan (23%)

Magenta (24%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0556, 53.5490, 48.2552 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 50.0556, 53.5490, 48.2552 by changing the saturation by 10% instead.

■ 50.0556, 53.5490,
48.2552

■ 50.0556, 53.5490,
48.2552

377.3317,
400.3879, 396.3406

■ 35.6756, 38.2412,
33.6676

■ 89.4486, 95.4117,
88.9538

■ 24.3527, 26.1700,
22.3631

115.1922,
122.7355, 115.9018

■ 15.7216, 16.9508,
13.9231

145.4545,
154.8333, 147.8070

■ 9.4170, 10.1994,
7.9290

180.6006,
192.0896, 185.0881

■ 5.0734, 5.5314,
3.9624

220.9961,
234.8889, 228.1634

■ 2.3256, 2.5623,
1.6048

267.0062,

■ 0.8077, 0.9077,

283.6154, 277.4516

0.2942

318.9963,
338.6536, 333.3711

■ 0.0000, 0.0000,
0.0000

■ 50.0556, 53.5490,
48.2552

■ 50.0556, 53.5490,
48.2552

■ 47.6690, 51.6493,
38.6001

■ 52.7382, 55.5879,
59.4030

■ 45.5618, 49.8767,
30.3701

■ 55.7240, 57.7637,
72.1001

■ 43.7225, 48.2283,
23.4975

■ 59.0252, 60.0831,
86.4048

■ 42.1366, 46.6984,
17.9078

■ 62.6522, 62.5502,
102.3709

■ 40.7888, 45.2805,
13.5194

■ 63.4908, 63.9197,
103.5991

■ 39.6617, 43.9677,
10.2411

■ 64.1481, 65.2343,
103.8182

■ 38.7353, 42.7519,
7.9689

■ 64.8165, 66.5711,
104.0411

■ 37.9863, 41.6236,
6.5790

■ 65.4961, 67.9302,
104.2676

■ 37.4331, 40.6842,
5.8799

■ 66.1869, 69.3118,
104.4978

Harmonies

Analogous

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



52.0391, 53.5490, 48.4504



50.0556, 53.5490, 48.2552



48.3418, 53.5490, 50.6231

Triad

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



50.0556, 53.5490, 48.2552



48.1383, 53.5490, 66.0701



54.6406, 53.5490, 61.6140

Complementary

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



50.0556, 53.5490, 48.2552



43.6776, 44.9852, 59.2048

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.



53.5401, 53.5490, 66.7289



50.0556, 53.5490, 48.2552



49.7712, 53.5490, 69.4144

Square

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



50.0556, 53.5490, 48.2552



47.2544, 53.5490, 60.7617



51.7472, 53.5490, 69.6631



54.7216, 53.5490, 55.9169

Rectangle

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



50.0556, 53.5490, 48.2552



47.5688, 53.5490, 53.4320



51.7472, 53.5490, 69.6631



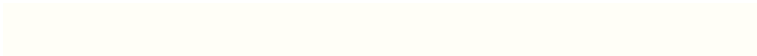
54.3763, 53.5490, 63.4672

Sweetspot

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



50.0571, 53.5513, 48.2563



93.5111, 98.8541, 102.4313



46.4226, 45.7574, 48.6636



19.9290, 21.0941, 21.5638



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.



50.0571, 53.5513, 48.2563



88.7413, 95.1991, 82.7000



48.7655, 53.8855, 48.3889



11.3960, 12.1611, 11.3095



24.6663, 26.8497, 3.8825



1.2029, 1.3412, 0.1955

Inverse Universe

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



43.6776, 44.9852, 59.2048



75.4239, 77.3172, 105.5562



44.8659, 44.7225, 59.0915



10.1712, 10.5166, 13.4113



6.9201, 3.2340, 35.0039



0.3666, 0.2311, 1.6704

Previews

White Background



This preview shows how the XYZ color 50.0556, 53.5490, 48.2552 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 50.0556, 53.5490, 48.2552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

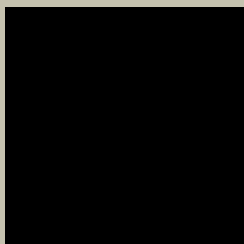
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

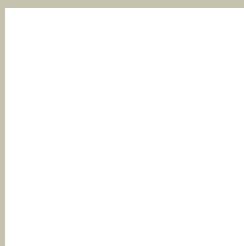
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0556, 53.5490, 48.2552

Background



This preview shows how black text looks on a background with the XYZ color 50.0556, 53.5490, 48.2552.



This preview shows how white text looks on a background with the XYZ color 50.0556, 53.5490,

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

50.0556, 53.5490, 48.2552

Protanopia

50.7973, 53.6134, 47.7155

Deuteranopia

54.3088, 53.1578, 48.4724



Tritanopia

53.5203, 53.6522, 65.2927

Trichromacy



Original Color

50.0556, 53.5490, 48.2552

Protanomaly

50.5294, 53.4753, 47.7030

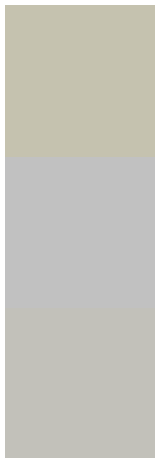
Deuteranomaly

52.6124, 53.2314, 48.5760

Tritanomaly

52.1878, 53.4360, 58.6025

Monochromacy



Original Color

50.0556, 53.5490, 48.2552

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.1810, 53.1544, 54.0694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0556, 53.5490, 48.2552 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, 194, 175)` looks like.

```
.text, #text, p{  
    color:rgb(197, 194, 175)  
}
```

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, 194, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 194, 175) }
```

Border

The CSS property to change the border of an element to XYZ 50.0556, 53.5490, 48.2552 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, 194, 175) }
```


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

```
.border{ border-color:rgb(197, 194, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 194, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 194, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 194, 175);  
box-shadow:4px 4px 4px 4px rgb(197, 194,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0556, 53.5490, 48.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 194, 175) }
```

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

```
.background{ background-color: rgb(197,  
194, 175) }
```

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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