

Converting Colors

XYZ(49.4122, 52.6000, 48.2686)

Have a look what the booklet for
XYZ(49.4122, 52.6000, 48.2686)
contains.

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Color

**XYZ(49.3525, 52.5302,
48.0956)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C0AF
RGB	196, 192, 175
RGB Percent	77%, 75%, 69%
CMY	0.2314, 0.2470, 0.3137
CMYK	0.00, 0.02, 0.11, 0.23
HSL	49°, 15%, 73%
HSV	49°, 11%, 77%
XYZ	49.3525, 52.5302, 48.0956
YIQ	191.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

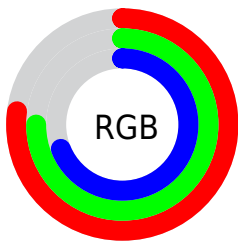
Format	Color
RYB	180, 196, 175
Decimal	12894383
CIELab	77.60, -1.56, 9.06
CIELCh	78, 9.191, 99.754
Yxy	52.5302, 0.3291, 0.3503
Android (android.graphics.Color)	4291084463 (0xFFC4C0AF)
YUV	191.2580, -8.0152, 4.1587
Hunter-Lab	72.4777, -5.2894, 11.3901

Details

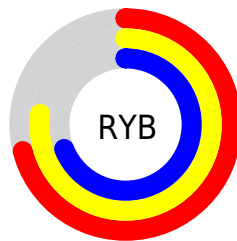
The XYZ color **49.3525, 52.5302, 48.0956** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.7631, 45.3390, 58.6699**, and the grayscale version is **49.7141, 52.3031, 56.9581**.

A 20% lighter version of the original color is **88.4992, 93.7870, 89.0396**, and **23.9631, 25.6461, 22.4261** is the 20% darker color. If you saturate the color by 10%, you get **46.7574, 50.2000, 38.4125**, and if you desaturate by 10%, it is **52.2507, 55.0183, 59.2595**.

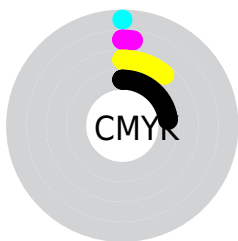
Distribution



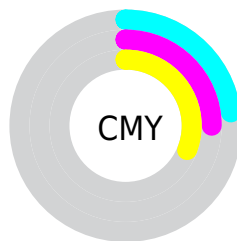
- Red (77%)
- Green (75%)
- Blue (69%)



- Red (71%)
- Yellow (77%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (23%)



- Cyan (23%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3525, 52.5302, 48.0956 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 49.3525, 52.5302, 48.0956 by changing the saturation by 10% instead.

■ 49.3525, 52.5302,
48.0956

■ 49.3525, 52.5302,
48.0956

374.6224,
396.4801, 395.6906

■ 35.1149, 37.4279,
33.5421

■ 88.4123, 93.9127,
88.7138

■ 23.9183, 25.5389,
22.2675

113.9653,
120.9617, 115.6155

■ 15.3974, 16.4790,
13.8534

144.0207,
152.7616, 147.4703

■ 9.1869, 9.8638,
7.8812

178.9439,
189.6969, 184.6968

■ 4.9214, 5.3087,
3.9323

219.1004,
232.1521, 227.7136

■ 2.2355, 2.4295,
1.5883

264.8553,

■ 0.7613, 0.8410,

280.5114, 276.9391

0.2824

316.5742,
335.1592, 332.7919

■ 0.0000, 0.0000,
0.0000

■ 49.3525, 52.5302,
48.0956

■ 49.3525, 52.5302,
48.0956

■ 46.7574, 50.2000,
38.4125

■ 52.2507, 55.0183,
59.2595

■ 44.4490, 48.0157,
30.1438

■ 55.4591, 57.6623,
71.9603

■ 42.4156, 45.9741,
23.2227

■ 58.9900, 60.4689,
86.2552

■ 40.6433, 44.0695,
17.5761

■ 62.8535, 63.4425,
102.1974

■ 39.1166, 42.2953,
13.1235

■ 64.0237, 65.3729,
103.8516

■ 37.8184, 40.6445,
9.7755

■ 64.9592, 67.2438,
104.1634

■ 36.7291, 39.1090,
7.4299

■ 65.9163, 69.1580,
104.4824

■ 35.8256, 37.6793,
5.9655

■ 66.8951, 71.1157,
104.8087

■ 35.1122, 36.4298,
5.1810

■ 67.8959, 73.1172,
105.1423

Harmonies

Analogous

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



51.1186, 52.5302, 48.5088



49.3525, 52.5302, 48.0956



47.7779, 52.5302, 50.0075

Triad

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



49.3525, 52.5302, 48.0956



47.3507, 52.5302, 63.6764



53.1988, 52.5302, 60.6454

Complementary

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



49.3525, 52.5302, 48.0956



43.7631, 45.3390, 58.6699

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.



52.1425, 52.5302, 65.0434



49.3525, 52.5302, 48.0956



48.7568, 52.5302, 66.8639

Square

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



49.3525, 52.5302, 48.0956



46.6403, 52.5302, 58.8681



50.5087, 52.5302, 67.3785



53.3674, 52.5302, 55.5567

Rectangle

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



49.3525, 52.5302, 48.0956



47.0382, 52.5302, 52.4137



50.5087, 52.5302, 67.3785



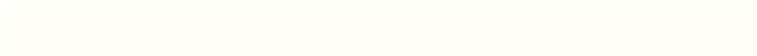
52.9346, 52.5302, 62.2616

Sweetspot

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



49.3539, 52.5325, 48.0967



93.3799, 98.5917, 102.3876



46.2525, 45.6592, 49.1300



19.8935, 21.0231, 21.5519



0.0000, 0.0000, 0.0000



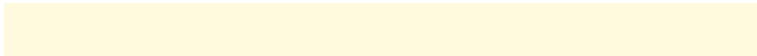
20.3446, 21.4041, 23.3091

Same Dimension

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



49.3539, 52.5325, 48.0967



88.1851, 94.0867, 82.5146



48.6388, 53.4843, 48.3181



10.7453, 11.4220, 10.7002



22.6205, 23.5268, 3.3489



1.0203, 1.1024, 0.1590

Inverse Universe

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



43.7631, 45.3390, 58.6699



75.9153, 78.3000, 105.7200



44.4210, 44.5063, 58.4745



9.6800, 10.0513, 12.7147



6.8811, 3.5186, 33.8731



0.3451, 0.2476, 1.4795

Previews

White Background



This preview shows how the XYZ color 49.3525, 52.5302, 48.0956 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 49.3525, 52.5302, 48.0956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

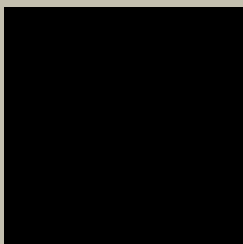
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

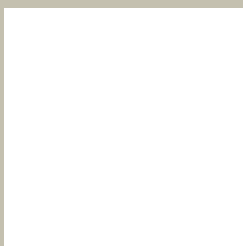
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.3525, 52.5302, 48.0956

Background



This preview shows how black text looks on a background with the XYZ color 49.3525, 52.5302, 48.0956.



This preview shows how white text looks on a background with the XYZ color 49.3525, 52.5302,

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

49.3525, 52.5302, 48.0956

Protanopia

49.8240, 52.4597, 47.5441

Deuteranopia

53.5043, 52.4314, 48.3746



Tritanopia

52.5821, 52.5576, 63.8732

Trichromacy



Original Color

49.3525, 52.5302, 48.0956

Protanomaly

49.5595, 52.3234, 47.5318

Deuteranomaly

52.1142, 52.6563, 48.4913

Tritanomaly

51.3764, 52.3876, 57.8561

Monochromacy



Original Color

49.3525, 52.5302, 48.0956

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.3801, 52.1018, 53.3530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3525, 52.5302, 48.0956 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(196, 192, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 192, 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(196, 192, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 192, 175) }
```

Border

The CSS property to change the border of an element to XYZ 49.3525, 52.5302, 48.0956 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(196, 192, 175) }
```


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

```
.border{ border-color:rgb(196, 192, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 192, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 192, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 192, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 192,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3525, 52.5302, 48.0956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 192, 175) }
```

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

```
.background{ background-color: rgb(196,  
192, 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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