

Converting Colors

XYZ(48.2438, 44.0114, 40.1357)

Have a look what the booklet for
XYZ(48.2438, 44.0114, 40.1357)
contains.

XYZ(48.2956, 44.1178, 40.1526)	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(48.2956, 44.1178,
40.1526)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A5A2
RGB	216, 165, 162
RGB Percent	85%, 65%, 64%
CMY	0.1529, 0.3529, 0.3647
CMYK	0.00, 0.24, 0.25, 0.15
HSL	3°, 41%, 74%
HSV	3°, 25%, 85%
XYZ	48.2956, 44.1178, 40.1526
YIQ	179.9070, 31.3590, 9.8790

Conversions

Conversions Part 2

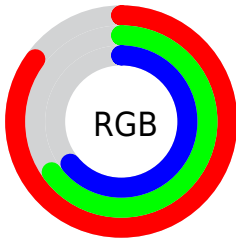
Format	Color
R _Y B	216, 165, 162
Decimal	14198178
CIE Lab	72.31, 18.35, 8.83
CIE LCh	72, 20.368, 25.698
Yxy	44.1178, 0.3643, 0.3328
Android (android.graphics.Color)	4292388258 (0xFFD8A5A2)
YUV	179.9070, -8.8282, 31.6536
Hunter-Lab	66.4212, 13.5521, 10.6532

Details

The XYZ color **48.2956, 44.1178, 40.1526** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.0886, 60.2261, 73.8981**, and the grayscale version is **43.3676, 45.6261, 49.6868**.

A 20% lighter version of the original color is **79.3576, 77.4562, 76.4136**, and **23.2168, 20.4096, 17.4676** is the 20% darker color. If you saturate the color by 10%, you get **43.1477, 36.6352, 29.7635**, and if you desaturate by 10%, it is **54.3625, 52.9101, 52.4761**.

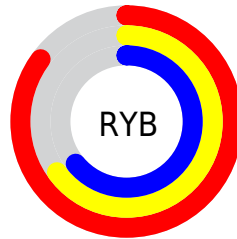
Distribution



Red (85%)

Green (65%)

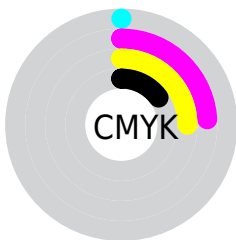
Blue (64%)



Red (85%)

Yellow (65%)

Blue (64%)

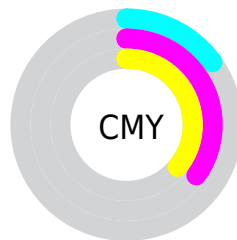


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (15%)



Cyan (15%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2956, 44.1178, 40.1526 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 48.2956, 44.1178, 40.1526 by changing the saturation by 10% instead.

 48.2956, 44.1178,
40.1526


 48.2956, 44.1178,
40.1526


370.5257,
363.1888, 362.3375

 34.2733, 30.7631,
27.3429


 86.8514, 81.3950,
76.6355

 23.2675, 20.4185,
17.5962


 112.1156,
106.0863, 101.1457

 14.9129, 12.6997,
10.4940


141.8577,
135.3252, 130.3931

 8.8442, 7.2221,
5.6179

176.4432,
169.4962, 164.7963

 4.6960, 3.6014,
2.5491

216.2374,
208.9837, 204.7738

 2.1029, 1.4532,
0.8660

261.6057,

 0.6908, 0.2554,

254.1720, 250.7441

0.0000

312.9133,
305.4456, 303.1259

0.0000, 0.0000,
0.0000

48.2956, 44.1178,
40.1526

48.2956, 44.1178,
40.1526

43.1477, 36.6352,
29.7635

54.3625, 52.9101,
52.4761

38.8707, 30.3937,
21.2081

61.3865, 63.0639,
66.8223

35.4173, 25.3282,
14.3807

69.4076, 74.6359,
83.2774

32.7345, 21.3649,
9.1636

78.4629, 87.6777,
101.9219

30.7631, 18.4218,
5.4245

82.1290, 93.3390,
108.2953

■ 29.4351, 16.4053,
3.0104

■ 28.6693, 15.2048,
1.7344

■ 28.4507, 14.8623,
1.3692

Harmonies

Analogous

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



49.0098, 44.1178, 49.4975



48.2956, 44.1178, 40.1526



45.8418, 44.1178, 33.8062

Triad

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



48.2956, 44.1178, 40.1526



36.6140, 44.1178, 37.9707



41.4297, 44.1178, 69.9398

Complementary

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



48.2956, 44.1178, 40.1526



51.0886, 60.2261, 73.8981

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.



38.2523, 44.1178, 65.7873



48.2956, 44.1178, 40.1526



35.5719, 44.1178, 46.6050

Square

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



48.2956, 44.1178, 40.1526



39.0809, 44.1178, 32.6748



36.1547, 44.1178, 56.8909



44.9199, 44.1178, 67.5870

Rectangle

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



48.2956, 44.1178, 40.1526



43.6177, 44.1178, 31.6726



36.1547, 44.1178, 56.8909



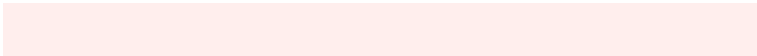
40.2916, 44.1178, 69.2443

Sweetspot

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



48.2968, 44.1198, 40.1535



87.1642, 88.6156, 92.7462



53.2880, 45.2595, 69.0782



18.5184, 18.7676, 19.5687



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.



48.2968, 44.1198, 40.1535



66.2093, 58.2608, 50.1390



53.6247, 54.7757, 41.9295



12.4781, 12.5305, 12.9217



16.8651, 8.8474, 0.8188



1.0372, 0.5735, 0.0560

Inverse Universe

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



51.0886, 60.2261, 73.8981



70.9424, 85.5789, 107.3871



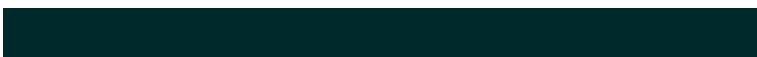
44.9176, 47.8841, 71.8411



12.7303, 13.9839, 15.9657



20.1417, 28.5452, 42.9014



1.2333, 1.7586, 2.5938

Previews

White Background



This preview shows how the XYZ color 48.2956, 44.1178, 40.1526 looks on a white background.

Color Contrast Check

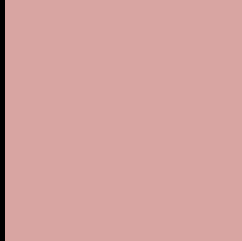
Large Text (above 18pt) WCAG AA × Fail

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 48.2956, 44.1178, 40.1526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

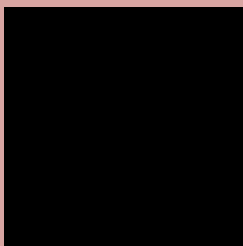
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2956, 44.1178, 40.1526

Background



This preview shows how black text looks on a background with the XYZ color 48.2956, 44.1178, 40.1526.



This preview shows how white text looks on a background with the XYZ color 48.2956, 44.1178,

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

48.2956, 44.1178, 40.1526

Protanopia

42.3185, 44.3387, 43.3736

Deuteranopia

45.0833, 44.1165, 39.8574



Tritanopia

49.7485, 44.1950, 46.4659

Trichromacy



Original Color

48.2956, 44.1178, 40.1526

Protanomaly

44.3322, 44.2424, 42.2795

Deuteranomaly

46.0746, 44.0710, 39.7964

Tritanomaly

49.1464, 44.2049, 43.9723

Monochromacy



Original Color

48.2956, 44.1178, 40.1526

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.8651, 45.0145, 45.8592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2956, 44.1178, 40.1526 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(216, 165, 162)` looks like.

```
.text, #text, p{  
    color:rgb(216, 165, 162)  
}
```

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(216, 165, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 165, 162) }
```

Border

The CSS property to change the border of an element to XYZ 48.2956, 44.1178, 40.1526 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(216, 165, 162) }
```


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

```
.border{ border-color:rgb(216, 165, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 165, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 165, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 165, 162);  
box-shadow:4px 4px 4px 4px rgb(216, 165,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2956, 44.1178, 40.1526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 165, 162) }
```

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

```
.background{ background-color: rgb(216,  
165, 162) }
```

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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