

Converting Colors

XYZ(51.4790, 45.6364, 45.8818)

Have a look what the booklet for
XYZ(51.4790, 45.6364, 45.8818)
contains.

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Color

**XYZ(51.4294, 45.6154,
45.6292)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA5AD
RGB	223, 165, 173
RGB Percent	87%, 65%, 68%
CMY	0.1255, 0.3529, 0.3216
CMYK	0.00, 0.26, 0.22, 0.13
HSL	352°, 48%, 76%
HSV	352°, 26%, 87%
XYZ	51.4294, 45.6154, 45.6292
YIQ	183.2540, 32.0000, 14.7840

Conversions

Conversions Part 2

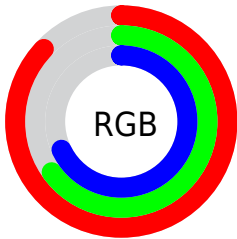
Format	Color
R_{YB}	223, 165, 173
Decimal	14656941
CIE _{Lab}	73.30, 22.54, 4.29
CIE _{LCh}	73, 22.949, 10.777
Yxy	45.6154, 0.3605, 0.3197
Android (android.graphics.Color)	4292847021 (0xFFDFA5AD)
YUV	183.2540, -5.0552, 34.8572
Hunter-Lab	67.5392, 17.7298, 7.2213

Details

The XYZ color **51.4294, 45.6154, 45.6292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.1724, 65.6821, 74.1160**, and the grayscale version is **45.1648, 47.5169, 51.7459**.

A 20% lighter version of the original color is **80.8368, 78.0478, 84.2030**, and **25.2927, 21.4062, 20.8879** is the 20% darker color. If you saturate the color by 10%, you get **46.0239, 37.5703, 35.3000**, and if you desaturate by 10%, it is **57.8064, 55.1744, 57.6040**.

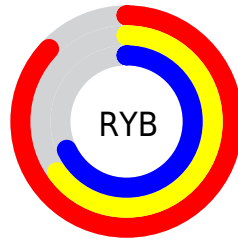
Distribution



Red (87%)

Green (65%)

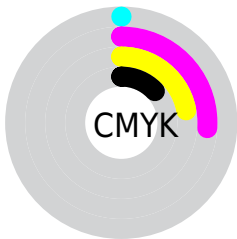
Blue (68%)



Red (87%)

Yellow (65%)

Blue (68%)

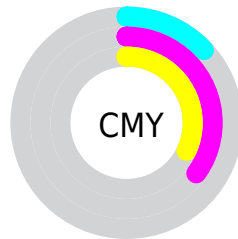


Cyan (0%)

Magenta (26%)

Yellow (22%)

Black (13%)



Cyan (13%)


Magenta (35%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4294, 45.6154, 45.6292 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 51.4294, 45.6154, 45.6292 by changing the saturation by 10% instead.


 51.4294, 45.6154,
45.6292


 51.4294, 45.6154,
45.6292


382.5900,
369.2603, 385.5501

 36.7729, 31.9424,
31.6068


 91.4684, 83.6431,
84.9922

 25.2046, 21.3175,
20.7990


 117.5816,
108.7667, 111.1699

 16.3591, 13.3563,
12.7873


148.2444,
138.4758, 142.2364

 9.8711, 7.6744,
7.1533

183.8222,
173.1551, 178.6102

 5.3752, 3.8873,
3.4782

224.6803,
213.1887, 220.7100

 2.5060, 1.6107,
1.3437

271.1840,

 0.8983, 0.3648,

258.9612, 268.9542

0.0972

323.6988,
310.8569, 323.7614

■ 0.0000, 0.0000,
0.0000

■ 51.4294, 45.6154,
45.6292

■ 51.4294, 45.6154,
45.6292

■ 46.0239, 37.5703,
35.3000

■ 57.8064, 55.1744,
57.6040

■ 41.5385, 30.9554,
26.5416

■ 65.1956, 66.3126,
71.2892

■ 37.9223, 25.6885,
19.2773

■ 73.6400, 79.0996,
86.7496

■ 35.1185, 21.6765,
13.4232

■ 83.1789, 93.5984,
104.0456

■ 33.0629, 18.8146,
8.8867

■ 84.2416, 94.4281,
108.3942

■ 31.6817, 16.9807,
5.5639

■ 30.8849, 16.0240,
3.3348

■ 30.6755, 15.7856,
2.7089

Harmonies

Analogous

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



51.0988, 45.6154, 57.3449



51.4294, 45.6154, 45.6292



49.4979, 45.6154, 36.5280

Triad

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



51.4294, 45.6154, 45.6292



38.4858, 45.6154, 34.6755



40.8525, 45.6154, 73.7295

Complementary

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



51.4294, 45.6154, 45.6292



54.1724, 65.6821, 74.1160

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.



37.7445, 45.6154, 65.6312



51.4294, 45.6154, 45.6292



36.4378, 45.6154, 42.7077

Square

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



51.4294, 45.6154, 45.6292



41.9221, 45.6154, 30.8879



36.1752, 45.6154, 53.9371



44.8224, 45.6154, 74.8368

Rectangle

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



51.4294, 45.6154, 45.6292



47.2535, 45.6154, 32.6962



36.1752, 45.6154, 53.9371



39.6790, 45.6154, 71.6817

Sweetspot

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



51.4307, 45.6175, 45.6301



86.1803, 86.5864, 92.6078



54.5951, 46.5815, 75.9260



18.1113, 18.0278, 19.2034



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.



51.4307, 45.6175, 45.6301



65.7089, 55.8724, 54.2499



54.6362, 53.2300, 42.9948



13.7838, 13.7312, 14.6317



18.0608, 9.2913, 1.7198



1.2769, 0.6540, 0.2508

Inverse Universe

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



51.4307, 45.6175, 45.6301



65.7089, 55.8724, 54.2499



50.1233, 55.8991, 77.9602



13.7838, 13.7312, 14.6317



18.0608, 9.2913, 1.7198



1.2769, 0.6540, 0.2508

Previews

White Background



This preview shows how the XYZ color 51.4294, 45.6154, 45.6292 looks on a white background.

Color Contrast Check

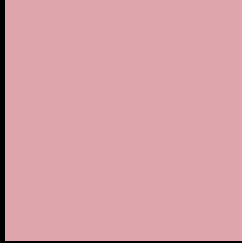
Large Text (above 18pt) WCAG AA × Fail

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 51.4294, 45.6154, 45.6292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

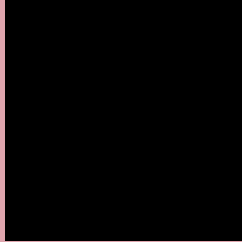
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4294, 45.6154, 45.6292

Background



This preview shows how black text looks on a background with the XYZ color 51.4294, 45.6154, 45.6292.



This preview shows how white text looks on a background with the XYZ color 51.4294, 45.6154,

45.6292.

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

51.4294, 45.6154, 45.6292

Protanopia

43.9890, 45.6437, 50.2077

Deuteranopia

46.5741, 45.6299, 44.8808



Tritanopia

51.6427, 45.4132, 47.6387

Trichromacy



Original Color

51.4294, 45.6154, 45.6292

Protanomaly

46.4606, 45.4922, 48.4516

Deuteranomaly

48.3038, 45.6597, 45.2970

Tritanomaly

51.5434, 45.3735, 47.1156

Monochromacy



Original Color

51.4294, 45.6154, 45.6292

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.9507, 46.3111, 49.1122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4294, 45.6154, 45.6292 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(223, 165, 173)` looks like.

```
.text, #text, p{  
    color:rgb(223, 165, 173)  
}
```

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(223, 165, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 165, 173) }
```

Border

The CSS property to change the border of an element to XYZ 51.4294, 45.6154, 45.6292 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(223, 165, 173) }
```


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

```
.border{ border-color:rgb(223, 165, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 165, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 165, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 165, 173);  
box-shadow:4px 4px 4px 4px rgb(223, 165,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4294, 45.6154, 45.6292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 165, 173) }
```

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

```
.background{ background-color: rgb(223,  
165, 173) }
```

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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