

Converting Colors

XYZ(56.3836, 45.0712, 35.4093)

Have a look what the booklet for
XYZ(56.3836, 45.0712, 35.4093)
contains.

XYZ(56.3201, 45.0475, 35.4324)	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(56.3201, 45.0475,
35.4324)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9898
RGB	250, 152, 152
RGB Percent	98%, 60%, 60%
CMY	0.0196, 0.4039, 0.4039
CMYK	0.00, 0.39, 0.39, 0.02
HSL	0°, 91%, 79%
HSV	0°, 39%, 98%
XYZ	56.3201, 45.0475, 35.4324
YIQ	181.3020, 58.4080, 20.7760

Conversions

Conversions Part 2

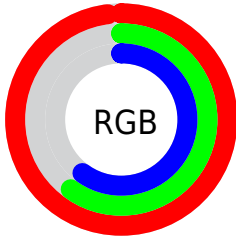
Format	Color
R _Y B	250, 152, 152
Decimal	16423064
CIE Lab	72.92, 36.67, 15.75
CIE LCh	73, 39.913, 23.242
Yxy	45.0475, 0.4117, 0.3293
Android (android.graphics.Color)	4294613144 (0xFFFA9898)
YUV	181.3020, -14.4459, 60.2481
Hunter-Lab	67.1174, 32.3288, 15.6820

Details

The XYZ color **56.3201, 45.0475, 35.4324** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.3882, 81.9452, 102.8658**, and the grayscale version is **44.1392, 46.4379, 50.5708**.

A 20% lighter version of the original color is **74.6934, 70.3419, 68.0331**, and **28.2967, 20.9396, 14.8623** is the 20% darker color. If you saturate the color by 10%, you get **50.8456, 37.0372, 24.5481**, and if you desaturate by 10%, it is **63.0835, 54.9448, 48.8761**.

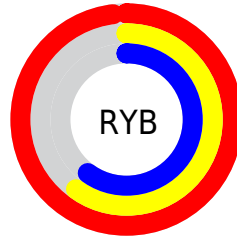
Distribution



Red (98%)

Green (60%)

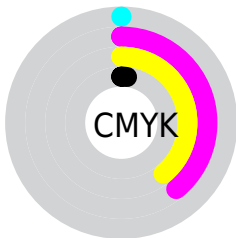
Blue (60%)



Red (98%)

Yellow (60%)

Blue (60%)

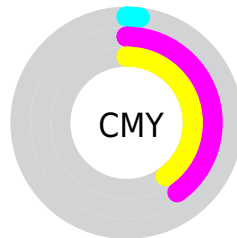


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (2%)



Cyan (2%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3201, 45.0475, 35.4324 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 56.3201, 45.0475, 35.4324 by changing the saturation by 10% instead.

 56.3201, 45.0475,
35.4324


 56.3201, 45.0475,
35.4324


400.9522,
366.9659, 341.4349

 40.6976, 31.4948,
23.7099


 98.6095, 82.7917,
69.3142

 28.2695, 20.9759,
14.9084


 126.0072,
107.7520, 92.3107

 18.6704, 13.1064,
8.6092


158.0607,
137.2837, 119.9022

 11.5350, 7.5019,
4.3939

195.1353,
171.7711, 152.5074

 6.4978, 3.7779,
1.8438

237.5964,
211.5986, 190.5447

 3.1936, 1.5501,
0.4566

285.8093,

 1.2569, 0.3236,

257.1506, 234.4326

0.0000

340.1395,
308.8116, 284.5899

■ 0.1506, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3201, 45.0475,
35.4324

■ 56.3201, 45.0475,
35.4324

■ 50.8456, 37.0372,
24.5481

■ 63.0835, 54.9448,
48.8761

■ 46.5750, 30.7880,
16.0586

■ 71.2066, 66.8312,
65.0245

■ 43.4186, 26.1692,
9.7841

■ 80.7594, 80.8096,
84.0152

■ 41.2727, 23.0291,
5.5187

■ 91.8059, 96.9738,
105.9755

■ 40.0144, 21.1876,
3.0176

■ 93.2343, 99.0640,
108.8150

■ 39.4572, 20.3721,
1.9101

■ 39.4245, 20.3243,
1.8451

Harmonies

Analogous

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



57.5201, 45.0475, 53.6967



56.3201, 45.0475, 35.4324



51.3301, 45.0475, 24.3147

Triad

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



56.3201, 45.0475, 35.4324



32.9692, 45.0475, 29.5105



41.2614, 45.0475, 97.7721

Complementary

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



56.3201, 45.0475, 35.4324



64.3882, 81.9452, 102.8658

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.



35.3001, 45.0475, 86.5857



56.3201, 45.0475, 35.4324



30.8597, 45.0475, 44.6777

Square

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



56.3201, 45.0475, 35.4324



37.7520, 45.0475, 21.5989



31.6644, 45.0475, 65.7715



48.3144, 45.0475, 93.3387

Rectangle

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



56.3201, 45.0475, 35.4324



46.7900, 45.0475, 20.7525



31.6644, 45.0475, 65.7715



39.0742, 45.0475, 95.6327

Sweetspot

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



56.3213, 45.0497, 35.4333



81.5126, 80.1911, 81.9880



67.9081, 49.6830, 96.4531



17.1609, 16.7454, 16.9798



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.



56.3213, 45.0497, 35.4333



54.3096, 40.3853, 27.9098



65.9787, 64.3646, 38.6524



17.2448, 17.2254, 17.8783



20.9120, 10.7807, 0.9787



1.9368, 0.9985, 0.0907

Inverse Universe

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



64.3882, 81.9452, 102.8658



63.8236, 83.8989, 107.4380



51.0912, 55.3512, 98.4335



17.7658, 19.6084, 22.2337



27.2835, 39.9226, 54.2414



2.5270, 3.6976, 5.0237

Previews

White Background



This preview shows how the XYZ color 56.3201, 45.0475, 35.4324 looks on a white background.

Color Contrast Check

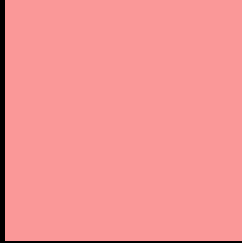
Large Text (above 18pt) WCAG AA × Fail

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 56.3201, 45.0475, 35.4324 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 56.3201, 45.0475, 35.4324

Background



This preview shows how black text looks on a background with the XYZ color 56.3201, 45.0475, 35.4324.



This preview shows how white text looks on a background with the XYZ color 56.3201, 45.0475,

35.4324.

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

56.3201, 45.0475, 35.4324

Protanopia

43.2527, 45.4325, 42.5661

Deuteranopia

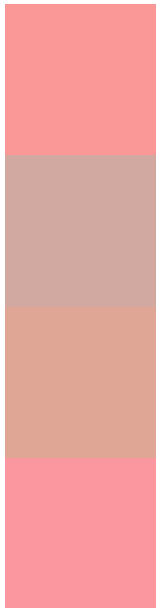
46.1102, 45.0531, 34.2828



Tritanopia

57.3719, 45.2511, 39.8929

Trichromacy



Original Color

56.3201, 45.0475, 35.4324

Protanomaly

46.9155, 44.5045, 39.8357

Deuteranomaly

49.3114, 44.7682, 34.4759

Tritanomaly

57.0218, 45.1111, 38.0497

Monochromacy



Original Color

56.3201, 45.0475, 35.4324

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

47.0840, 44.7735, 44.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3201, 45.0475, 35.4324 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(250, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(250, 152, 152)  
}
```

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(250, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 152, 152) }
```

Border

The CSS property to change the border of an element to XYZ 56.3201, 45.0475, 35.4324 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(250, 152, 152) }
```


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

```
.border{ border-color:rgb(250, 152, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 152, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(250, 152,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3201, 45.0475, 35.4324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 152, 152) }
```

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

```
.background{ background-color: rgb(250,  
152, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor