

Converting Colors

XYZ(54.3563, 46.4464, 40.2364)

Have a look what the booklet for
XYZ(54.3563, 46.4464, 40.2364)
contains.

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Color

**XYZ(54.3670, 46.4538,
40.2835)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA2A2
RGB	237, 162, 162
RGB Percent	93%, 64%, 64%
CMY	0.0706, 0.3647, 0.3647
CMYK	0.00, 0.32, 0.32, 0.07
HSL	0°, 68%, 78%
HSV	0°, 32%, 93%
XYZ	54.3670, 46.4538, 40.2835
YIQ	184.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

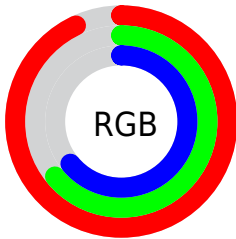
Format	Color
RYB	237, 162, 162
Decimal	15573666
CIELab	73.84, 27.81, 11.32
CIELCh	74, 30.029, 22.141
Yxy	46.4538, 0.3853, 0.3292
Android (android.graphics.Color)	4293763746 (0xFFEDA2A2)
YUV	184.4250, -11.0555, 46.1083
Hunter-Lab	68.1570, 23.1098, 12.6672

Details

The XYZ color **54.3670, 46.4538, 40.2835** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.4696, 74.3618, 91.2872**, and the grayscale version is **45.8380, 48.2252, 52.5172**.

A 20% lighter version of the original color is **78.5772, 75.8955, 76.1535**, and **26.9808, 21.8614, 17.5495** is the 20% darker color. If you saturate the color by 10%, you get **48.6671, 38.1136, 28.9509**, and if you desaturate by 10%, it is **61.2531, 56.5305, 53.9712**.

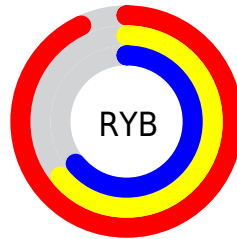
Distribution



Red (93%)

Green (64%)

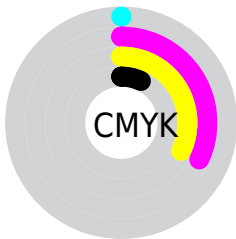
Blue (64%)



Red (93%)

Yellow (64%)

Blue (64%)

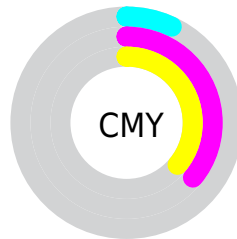


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (7%)



Cyan (7%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3670, 46.4538, 40.2835 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 54.3670, 46.4538, 40.2835 by changing the saturation by 10% instead.


 54.3670, 46.4538,
40.2835


 54.3670, 46.4538,
40.2835


393.6835,
372.6301, 362.9046

 39.1270, 32.6041,
27.4442


 95.7666, 84.8977,
76.8368

 27.0397, 21.8233,
17.6717


 122.6570,
110.2607, 101.3879

 17.7398, 13.7271,
10.5476


154.1614,
140.2303, 130.6800

 10.8619, 7.9311,
5.6532

190.6454,
175.1908, 165.1317

 6.0406, 4.0509,
2.5700

232.4743,
215.5266, 205.1614

 2.9107, 1.7021,
0.8769

280.0133,

 1.1067, 0.4250,

261.6222, 251.1878

0.0000

333.6279,
313.8619, 303.6293

■ 0.0307, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3670, 46.4538,
40.2835

■ 54.3670, 46.4538,
40.2835

■ 48.6671, 38.1136,
28.9509

■ 61.2531, 56.5305,
53.9712

■ 44.0830, 31.4057,
19.8381

■ 69.3830, 68.4269,
70.1333

■ 40.5426, 26.2250,
12.8003

■ 78.8153, 82.2290,
88.8845

■ 37.9641, 22.4518,
7.6746

■ 88.7352, 96.7446,
108.6045

■ 36.2531, 19.9480,
4.2736

■ 35.2966, 18.5482,
2.3724

■ 34.9253, 18.0049,
1.6345

Harmonies

Analogous

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



55.1299, 46.4538, 54.7102



54.3670, 46.4538, 40.2835



50.7617, 46.4538, 30.7280

Triad

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



54.3670, 46.4538, 40.2835



36.5295, 46.4538, 34.5891



42.7633, 46.4538, 85.6763

Complementary

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



54.3670, 46.4538, 40.2835



60.4696, 74.3618, 91.2872

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.



38.1442, 46.4538, 77.5426



54.3670, 46.4538, 40.2835



34.7393, 46.4538, 46.6636

Square

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



54.3670, 46.4538, 40.2835



40.3937, 46.4538, 27.9322



35.3057, 46.4538, 62.4973



48.1385, 46.4538, 83.0144

Rectangle

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



54.3670, 46.4538, 40.2835



47.3785, 46.4538, 27.4292



35.3057, 46.4538, 62.4973



41.0772, 46.4538, 84.0649

Sweetspot

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



54.3682, 46.4560, 40.2844



84.6837, 84.8312, 88.2919



63.1318, 49.9601, 86.4369



17.7929, 17.6702, 18.2363



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.



54.3682, 46.4560, 40.2844



59.6651, 48.2220, 38.5560



61.9857, 61.6910, 42.8236



15.0656, 15.0542, 15.6304



19.0679, 9.8300, 0.8924



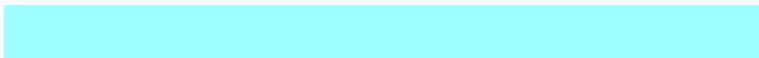
1.4973, 0.7719, 0.0701

Inverse Universe

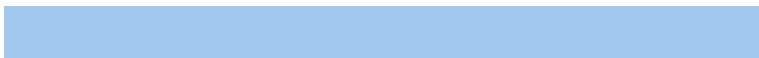
The Inverse Universe completely reimagines the original color for something new.



60.4696, 74.3618, 91.2872



67.9283, 86.0154, 107.6302



50.7255, 54.8737, 88.0391



15.5177, 17.1217, 19.4092



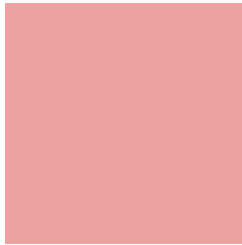
24.8774, 36.4018, 49.4580



1.9535, 2.8585, 3.8837

Previews

White Background



This preview shows how the XYZ color 54.3670, 46.4538, 40.2835 looks on a white background.

Color Contrast Check

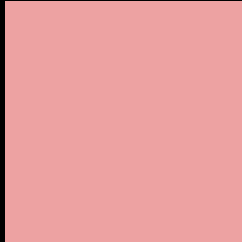
Large Text (above 18pt) WCAG AA × Fail

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 54.3670, 46.4538, 40.2835 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 54.3670, 46.4538, 40.2835

Background



This preview shows how black text looks on a background with the XYZ color 54.3670, 46.4538, 40.2835.



This preview shows how white text looks on a background with the XYZ color 54.3670, 46.4538,

40.2835.

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

54.3670, 46.4538, 40.2835

Protanopia

44.4638, 46.5911, 45.6792

Deuteranopia

47.4073, 46.4634, 39.7274



Tritanopia

55.3735, 46.3359, 45.5604

Trichromacy



Original Color

54.3670, 46.4538, 40.2835

Protanomaly

47.3808, 46.0784, 43.4426

Deuteranomaly

49.7212, 46.2281, 40.0205

Tritanomaly

55.1662, 46.5315, 43.6100

Monochromacy



Original Color

54.3670, 46.4538, 40.2835

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.9904, 46.8818, 47.5940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3670, 46.4538, 40.2835 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(237, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(237, 162, 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(237, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 162, 162) }
```

Border

The CSS property to change the border of an element to XYZ 54.3670, 46.4538, 40.2835 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(237, 162, 162) }
```


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

```
.border{ border-color:rgb(237, 162, 162) }
```

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

Here you see how a box with a 4 pixel rgb(237, 162, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(237, 162,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3670, 46.4538, 40.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 162, 162) }
```

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

```
.background{ background-color: rgb(237,  
162, 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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