

Converting Colors

XYZ(53.2554, 46.6747, 40.3847)

Have a look what the booklet for
XYZ(53.2554, 46.6747, 40.3847)
contains.

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Color

**XYZ(53.2554, 46.6747,
40.3847)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A5A2
RGB	232, 165, 162
RGB Percent	91%, 65%, 64%
CMY	0.0902, 0.3529, 0.3647
CMYK	0.00, 0.29, 0.30, 0.09
HSL	3°, 60%, 77%
HSV	3°, 30%, 91%
XYZ	53.2554, 46.6747, 40.3847
YIQ	184.6910, 40.8950, 13.2710

Conversions

Conversions Part 2

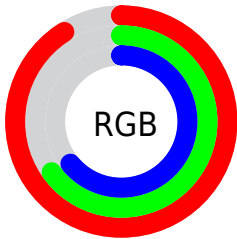
Format	Color
R _Y B	232, 165, 162
Decimal	15246754
CIE Lab	73.98, 24.35, 11.44
CIE LCh	74, 26.908, 25.167
Yxy	46.6747, 0.3795, 0.3326
Android (android.graphics.Color)	4293436834 (0xFFE8A5A2)
YUV	184.6910, -11.1867, 41.4900
Hunter-Lab	68.3189, 19.5849, 12.7757

Details

The XYZ color **53.2554, 46.6747, 40.3847** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.4841, 69.5438, 86.7376**, and the grayscale version is **45.9877, 48.3827, 52.6888**.

A 20% lighter version of the original color is **79.3576, 77.4562, 76.4136**, and **26.3988, 22.0500, 17.6166** is the 20% darker color. If you saturate the color by 10%, you get **47.7172, 38.5996, 29.2855**, and if you desaturate by 10%, it is **59.8719, 56.2970, 53.7212**.

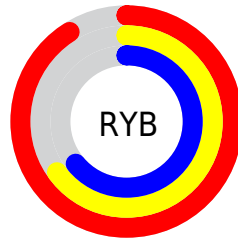
Distribution



Red (91%)

Green (65%)

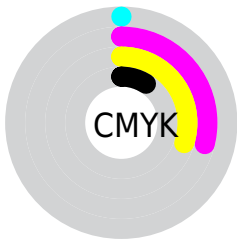
Blue (64%)



Red (91%)

Yellow (65%)

Blue (64%)

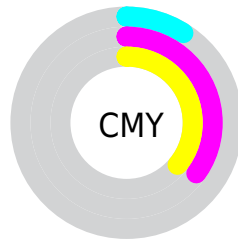


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (9%)



Cyan (9%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2554, 46.6747, 40.3847 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 53.2554, 46.6747, 40.3847 by changing the saturation by 10% instead.


 53.2554, 46.6747,
40.3847


 53.2554, 46.6747,
40.3847


389.5091,
373.5146, 363.3426

 38.2350, 32.7786,
27.5226


 94.1434, 85.2278,
76.9925

 26.3432, 21.9569,
17.7302

 120.7417,
110.6537, 101.5751

 17.2146, 13.8252,
10.5890


151.9300,
140.6915, 130.9017

 10.4838, 7.9992,
5.6805

188.0737,
175.7257, 165.3908

 5.7856, 4.0944,
2.5862

229.5380,
216.1407, 205.4609

 2.7546, 1.7265,
0.8853

276.6885,

 1.0254, 0.4407,

262.3209, 251.5305

0.0000

329.8904,
314.6508, 304.0182

0.0000, 0.0000,
0.0000

53.2554, 46.6747,
40.3847

53.2554, 46.6747,
40.3847

47.7172, 38.5996,
29.2855

59.8719, 56.2970,
53.7212

43.1965, 31.9847,
20.2986

67.6156, 67.5341,
69.4054

39.6327, 26.7447,
13.2908

76.5370, 80.4580,
87.5434

36.9567, 22.7830,
8.1128

86.6823, 95.1341,
108.2342

35.0904, 19.9900,
4.5939

87.0887, 95.8958,
108.5274

■ 33.9420, 18.2382,
2.5316

■ 33.3868, 17.3720,
1.5934

Harmonies

Analogous

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



54.2140, 46.6747, 53.0816



53.2554, 46.6747, 40.3847



49.8486, 46.6747, 32.0590

Triad

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



53.2554, 46.6747, 40.3847



37.2075, 46.6747, 37.1635



43.5895, 46.6747, 81.9863

Complementary

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



53.2554, 46.6747, 40.3847



57.4841, 69.5438, 86.7376

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.



39.2952, 46.6747, 75.7627



53.2554, 46.6747, 40.3847



35.7838, 46.6747, 48.6252

Square

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



53.2554, 46.6747, 40.3847



40.5511, 46.6747, 30.4480



36.5199, 46.6747, 62.9157



48.4064, 46.6747, 78.7076

Rectangle

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



53.2554, 46.6747, 40.3847



46.7689, 46.6747, 29.3050



36.5199, 46.6747, 62.9157



42.0409, 46.6747, 80.9083

Sweetspot

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



53.2566, 46.6769, 40.3856



84.9614, 85.3867, 88.3845



60.4355, 48.6914, 80.8309



17.8605, 17.8055, 18.2588



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.



53.2566, 46.6769, 40.3856



61.7133, 51.6004, 41.4516



60.3008, 60.7652, 42.7337



14.4264, 14.4666, 14.9364



18.5582, 9.6906, 0.8923



1.3890, 0.7513, 0.0718

Inverse Universe

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



57.4841, 69.5438, 86.7376



67.7110, 84.0592, 107.2640



48.9067, 52.3890, 83.8784



14.7517, 16.2247, 18.4985



22.6185, 32.2991, 47.4254



1.6880, 2.4199, 3.5101

Previews

White Background



This preview shows how the XYZ color 53.2554, 46.6747, 40.3847 looks on a white background.

Color Contrast Check

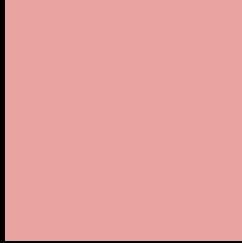
Large Text (above 18pt) WCAG AA × Fail

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 53.2554, 46.6747, 40.3847 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 53.2554, 46.6747, 40.3847

Background



This preview shows how black text looks on a background with the XYZ color 53.2554, 46.6747, 40.3847.



This preview shows how white text looks on a background with the XYZ color 53.2554, 46.6747,

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

53.2554, 46.6747, 40.3847

Protanopia

44.8177, 47.0875, 45.2547

Deuteranopia

47.8829, 46.9986, 39.8056



Tritanopia

54.4393, 46.6132, 46.6854

Trichromacy



Original Color

53.2554, 46.6747, 40.3847

Protanomaly

47.4951, 46.7152, 43.5595

Deuteranomaly

49.8008, 46.8300, 40.1325

Tritanomaly

54.1354, 46.7768, 44.2058

Monochromacy



Original Color

53.2554, 46.6747, 40.3847

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.2133, 47.5717, 48.2361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2554, 46.6747, 40.3847 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(232, 165, 162)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 165, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 165, 162) }
```

Border

The CSS property to change the border of an element to XYZ 53.2554, 46.6747, 40.3847 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(232, 165, 162) }
```


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

```
.border{ border-color:rgb(232, 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(232, 165, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 165, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 165, 162);  
box-shadow:4px 4px 4px 4px rgb(232, 165,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2554, 46.6747, 40.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 165, 162) }
```

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

```
.background{ background-color: rgb(232,  
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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