

Converting Colors

XYZ(52.8913, 48.4940, 45.0263)

Have a look what the booklet for
XYZ(52.8913, 48.4940, 45.0263)
contains.

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Color

**XYZ(53.0347, 48.6747,
45.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	E0ADAB
RGB	224, 173, 171
RGB Percent	88%, 68%, 67%
CMY	0.1216, 0.3215, 0.3294
CMYK	0.00, 0.23, 0.24, 0.12
HSL	2°, 46%, 77%
HSV	2°, 24%, 88%
XYZ	53.0347, 48.6747, 45.1280
YIQ	188.0210, 31.0380, 10.1900

Conversions

Conversions Part 2

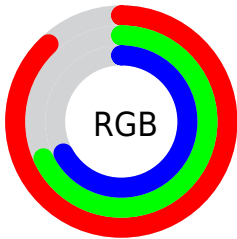
Format	Color
R _Y B	224, 173, 171
Decimal	14724523
CIE Lab	75.25, 18.32, 8.21
CIE LCh	75, 20.076, 24.135
Yxy	48.6747, 0.3612, 0.3315
Android (android.graphics.Color)	4292914603 (0xFFE0ADAB)
YUV	188.0210, -8.3914, 31.5536
Hunter-Lab	69.7673, 13.5969, 10.4861

Details

The XYZ color **53.0347, 48.6747, 45.1280** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.3697, 66.2804, 80.3436**, and the grayscale version is **47.8468, 50.3386, 54.8187**.

A 20% lighter version of the original color is **82.9868, 82.7896, 83.5576**, and **26.1947, 23.0897, 20.5289** is the 20% darker color. If you saturate the color by 10%, you get **47.2732, 40.2838, 33.5511**, and if you desaturate by 10%, it is **59.8274, 58.5482, 58.8348**.

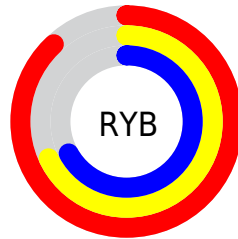
Distribution



Red (88%)

Green (68%)

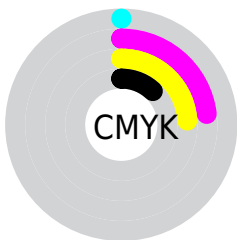
Blue (67%)



Red (88%)

Yellow (68%)

Blue (67%)

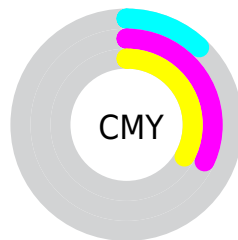


Cyan (0%)

Magenta (23%)

Yellow (24%)

Black (12%)



Cyan (12%)


Magenta (32%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0347, 48.6747, 45.1280 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 53.0347, 48.6747, 45.1280 by changing the saturation by 10% instead.


 53.0347, 48.6747,
45.1280

 53.0347, 48.6747,
45.1280


388.6769,
381.4603, 383.4669

 38.0581, 34.3615,
31.2146

 93.8207, 88.2081,
84.2329

 26.2052, 23.1715,
20.5025


120.3607,
114.1971, 110.2615

 17.1107, 14.7202,
12.5731


151.4859,
144.8469, 141.1656

 10.4092, 8.6232,
7.0080

187.5616,
180.5417, 177.3637

 5.7355, 4.4963,
3.3886

228.9532,
221.6661, 219.2743

 2.7240, 1.9549,
1.2963

276.0261,

 1.0096, 0.5810,

268.6044, 267.3161

0.0588

329.1455,
321.7410, 321.9074

■ 0.0000, 0.0000,
0.0000

■ 53.0347, 48.6747,
45.1280

■ 53.0347, 48.6747,
45.1280

■ 47.2732, 40.2838,
33.5511

■ 59.8274, 58.5482,
58.8348

■ 42.4888, 33.2975,
23.9945

■ 67.6940, 69.9638,
74.7677

■ 38.6284, 27.6412,
16.3432

■ 76.6797, 82.9860,
93.0206

■ 35.6324, 23.2305,
10.4696

■ 84.5506, 94.5873,
108.4086

■ 33.4342, 19.9714,
6.2305

■ 31.9574, 17.7566,
3.4606

■ 31.1107, 16.4586,
1.9598

■ 30.8325, 16.0312,
1.4693

Harmonies

Analogous

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



53.6749, 48.6747, 55.0990



53.0347, 48.6747, 45.1280



50.5398, 48.6747, 38.1981

Triad

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



53.0347, 48.6747, 45.1280



40.7570, 48.6747, 41.9781



45.5437, 48.6747, 75.8515

Complementary

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



53.0347, 48.6747, 45.1280



56.3697, 66.2804, 80.3436

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.



42.2362, 48.6747, 71.1994



53.0347, 48.6747, 45.1280



39.5684, 48.6747, 50.9521

Square

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



53.0347, 48.6747, 45.1280



43.4272, 48.6747, 36.5556



40.0953, 48.6747, 61.7346



49.2214, 48.6747, 73.7537

Rectangle

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



53.0347, 48.6747, 45.1280



48.2277, 48.6747, 35.7799



40.0953, 48.6747, 61.7346



44.3541, 48.6747, 75.0080

Sweetspot

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



53.0360, 48.6769, 45.1290



87.0716, 88.4304, 92.7153



58.5199, 50.2601, 75.8884



18.4971, 18.7249, 19.5616



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.



53.0360, 48.6769, 45.1290



67.4721, 59.9484, 53.1429



58.5764, 59.7577, 46.9758



13.7486, 13.7831, 14.2426



17.9654, 9.3687, 0.8615



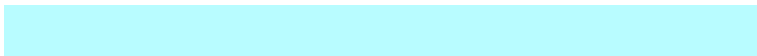
1.2601, 0.6792, 0.0647

Inverse Universe

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



56.3697, 66.2804, 80.3436



72.6261, 87.1703, 107.6055



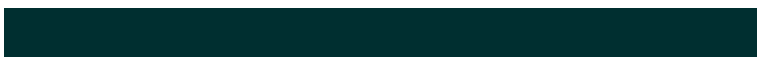
49.9295, 53.3999, 78.1969



14.0698, 15.4788, 17.6338



22.0746, 31.6188, 45.9879



1.5441, 2.2197, 3.1923

Previews

White Background



This preview shows how the XYZ color 53.0347, 48.6747, 45.1280 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 53.0347, 48.6747, 45.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

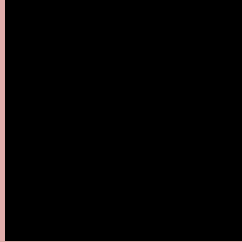
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0347, 48.6747, 45.1280

Background



This preview shows how black text looks on a background with the XYZ color 53.0347, 48.6747, 45.1280.



This preview shows how white text looks on a background with the XYZ color 53.0347, 48.6747,

45.1280.

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

53.0347, 48.6747, 45.1280

Protanopia

46.7706, 48.9486, 48.5779

Deuteranopia

49.6703, 48.6978, 44.8119



Tritanopia

54.2660, 48.5941, 51.8669

Trichromacy



Original Color

53.0347, 48.6747, 45.1280

Protanomaly

48.8903, 48.8394, 47.4076

Deuteranomaly

50.7094, 48.6427, 44.7465

Tritanomaly

53.9405, 48.7673, 49.2179

Monochromacy



Original Color

53.0347, 48.6747, 45.1280

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.4644, 49.6619, 51.2346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0347, 48.6747, 45.1280 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(224, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(224, 173, 171)  
}
```

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(224, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 173, 171) }
```

Border

The CSS property to change the border of an element to XYZ 53.0347, 48.6747, 45.1280 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(224, 173, 171) }
```


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

```
.border{ border-color:rgb(224, 173, 171) }
```

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

Here you see how a box with a 4 pixel rgb(224, 173, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 173, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 173, 171);  
box-shadow:4px 4px 4px 4px rgb(224, 173,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0347, 48.6747, 45.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 173, 171) }
```

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

```
.background{ background-color: rgb(224,  
173, 171) }
```

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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