

Converting Colors

XYZ(53.0368, 47.4701, 36.1456)

Have a look what the booklet for
XYZ(53.0368, 47.4701, 36.1456)
contains.

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Color

**XYZ(52.9488, 47.4281,
36.0696)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A898
RGB	232, 168, 152
RGB Percent	91%, 66%, 60%
CMY	0.0902, 0.3412, 0.4039
CMYK	0.00, 0.28, 0.34, 0.09
HSL	12°, 63%, 75%
HSV	12°, 34%, 91%
XYZ	52.9488, 47.4281, 36.0696
YIQ	185.3120, 43.2800, 8.5920

Conversions

Conversions Part 2

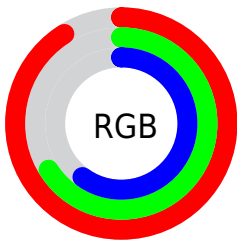
Format	Color
R _Y B	232, 172, 152
Decimal	15247512
CIE Lab	74.46, 21.49, 17.58
CIE LCh	74, 27.764, 39.299
Yxy	47.4281, 0.3881, 0.3476
Android (android.graphics.Color)	4293437592 (0xFFE8A898)
YUV	185.3120, -16.4228, 40.9454
Hunter-Lab	68.8681, 16.7196, 17.1545

Details

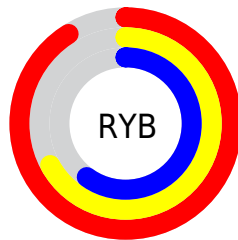
The XYZ color **52.9488, 47.4281, 36.0696** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.0692, 61.6109, 85.4916**, and the grayscale version is **46.3606, 48.7750, 53.1160**.

A 20% lighter version of the original color is **78.7683, 78.4916, 69.3914**, and **26.2736, 22.5443, 15.2786** is the 20% darker color. If you saturate the color by 10%, you get **48.0463, 40.3723, 25.9600**, and if you desaturate by 10%, it is **58.7144, 55.6151, 48.3014**.

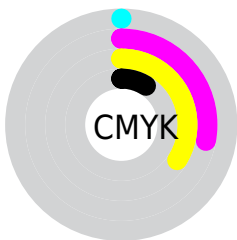
Distribution



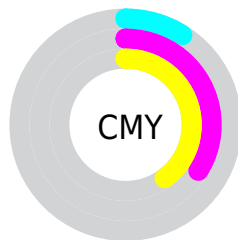
- Red (91%)
- Green (66%)
- Blue (60%)



- Red (91%)
- Yellow (67%)
- Blue (60%)



- Cyan (0%)
- Magenta (28%)
- Yellow (34%)
- Black (9%)




- Cyan (9%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9488, 47.4281, 36.0696 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 52.9488, 47.4281, 36.0696 by changing the saturation by 10% instead.


 52.9488, 47.4281,
36.0696


 52.9488, 47.4281,
36.0696


388.3527,
376.5207, 344.3113

 37.9892, 33.3742,
24.1978

 93.6950, 86.3523,
70.3097

 26.1515, 22.4133,
15.2669


 120.2123,
111.9914, 93.5152

 17.0703, 14.1609,
8.8582


151.3129,
142.2610, 121.3356

 10.3802, 8.2326,
4.5533

187.3622,
177.5455, 154.1895

 5.7160, 4.2442,
1.9335

228.7254,
218.2294, 192.4955

 2.7122, 1.8111,
0.5139

275.7680,

 1.0034, 0.4941,

264.6969, 236.6721

0.0000

328.8554,
317.3326, 287.1379

■ 0.0000, 0.0000,
0.0000

■ 52.9488, 47.4281,
36.0696

■ 52.9488, 47.4281,
36.0696

■ 48.0463, 40.3723,
25.9600

■ 58.7144, 55.6151,
48.3014

■ 43.9609, 34.3909,
17.8484

■ 65.3789, 64.9731,
62.7643

■ 40.6477, 29.4325,
11.6016

■ 72.9803, 75.5487,
79.5633

■ 38.0558, 25.4386,
7.0695

■ 81.5534, 87.3836,
98.7956

■ 36.1277, 22.3443,
4.0779

■ 87.0887, 95.8958,
108.5274

■ 34.7962, 20.0766,
2.4153

■ 34.2719, 19.1423,
1.8885

Harmonies

Analogous

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



55.2652, 47.4281, 47.3119



52.9488, 47.4281, 36.0696



48.5693, 47.4281, 29.9011

Triad

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



52.9488, 47.4281, 36.0696



36.6580, 47.4281, 42.4932



46.6529, 47.4281, 83.9173

Complementary

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



52.9488, 47.4281, 36.0696



52.0692, 61.6109, 85.4916

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.



41.7601, 47.4281, 81.9725



52.9488, 47.4281, 36.0696



36.2283, 47.4281, 56.2267

Square

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



52.9488, 47.4281, 36.0696



39.2510, 47.4281, 33.1049



38.0304, 47.4281, 71.1513



51.4571, 47.4281, 76.0570

Rectangle

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



52.9488, 47.4281, 36.0696



45.1969, 47.4281, 28.6826



38.0304, 47.4281, 71.1513



44.9613, 47.4281, 84.4163

Sweetspot

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



52.9500, 47.4304, 36.0705



85.0472, 86.1339, 86.6383



56.9018, 44.5706, 70.5698



17.9234, 18.0459, 17.9262



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.



52.9500, 47.4304, 36.0705



61.4136, 52.7411, 35.9877



61.5022, 64.5347, 38.9213



14.6093, 14.8325, 14.9974



19.0972, 10.7686, 1.0720



1.4760, 0.9253, 0.1008

Inverse Universe

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



52.0692, 61.6109, 85.4916



60.1572, 72.6399, 105.4580



43.0401, 43.5527, 82.4819



14.5497, 15.8208, 18.4312



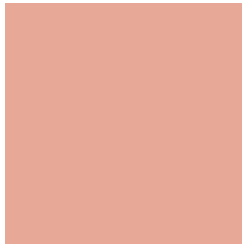
17.8769, 22.8160, 45.8449



1.3835, 1.8109, 3.4086

Previews

White Background



This preview shows how the XYZ color 52.9488, 47.4281, 36.0696 looks on a white background.

Color Contrast Check

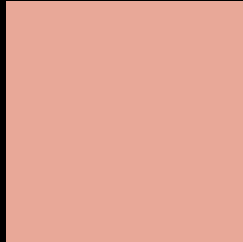
Large Text (above 18pt) WCAG AA × Fail

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 52.9488, 47.4281, 36.0696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

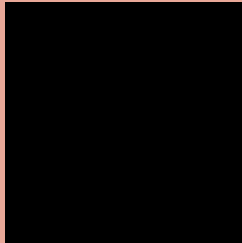
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9488, 47.4281, 36.0696

Background



This preview shows how black text looks on a background with the XYZ color 52.9488, 47.4281, 36.0696.



This preview shows how white text looks on a background with the XYZ color 52.9488, 47.4281,

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

52.9488, 47.4281, 36.0696

Protanopia

44.9297, 47.5766, 39.6160

Deuteranopia

48.4709, 47.3988, 35.4484



Tritanopia

55.1430, 47.2177, 47.8025

Trichromacy



Original Color

52.9488, 47.4281, 36.0696

Protanomaly

47.6533, 47.5065, 38.1106

Deuteranomaly

50.0447, 47.3371, 35.7775

Tritanomaly

54.1273, 47.0611, 43.2767

Monochromacy



Original Color

52.9488, 47.4281, 36.0696

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.0200, 47.8139, 46.2332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9488, 47.4281, 36.0696 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, 168, 152)` looks like.

```
.text, #text, p{  
    color:rgb(232, 168, 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(232, 168, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 168, 152) }
```

Border

The CSS property to change the border of an element to XYZ 52.9488, 47.4281, 36.0696 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, 168, 152) }
```


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

```
.border{ border-color:rgb(232, 168, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 168, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 168, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 168, 152);  
box-shadow:4px 4px 4px 4px rgb(232, 168,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9488, 47.4281, 36.0696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 168, 152) }
```

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

```
.background{ background-color: rgb(232,  
168, 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](#).

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