

Converting Colors

XYZ(52.6754, 47.8994, 36.0661)

Have a look what the booklet for
XYZ(52.6754, 47.8994, 36.0661)
contains.

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Color

**XYZ(52.6753, 47.8394,
36.1634)**

Conversions

Conversions Part 1

Format	Color
Hex	E6AA98
RGB	230, 170, 152
RGB Percent	90%, 67%, 60%
CMY	0.0980, 0.3333, 0.4039
CMYK	0.00, 0.26, 0.34, 0.10
HSL	14°, 61%, 75%
HSV	14°, 34%, 90%
XYZ	52.6753, 47.8394, 36.1634
YIQ	185.8880, 41.5380, 7.1220

Conversions

Conversions Part 2

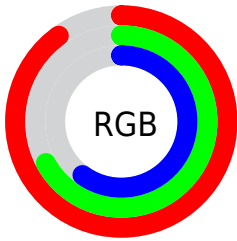
Format	Color
R _Y B	230, 175, 152
Decimal	15116952
CIE Lab	74.72, 19.65, 17.91
CIE LCh	75, 26.592, 42.352
Yxy	47.8394, 0.3854, 0.3500
Android (android.graphics.Color)	4293307032 (0xFFE6AA98)
YUV	185.8880, -16.7068, 38.6862
Hunter-Lab	69.1660, 14.9010, 17.4165

Details

The XYZ color **52.6753, 47.8394, 36.1634** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7744, 59.4734, 83.6663**, and the grayscale version is **46.6847, 49.1160, 53.4873**.

A 20% lighter version of the original color is **79.3058, 79.5667, 69.5706**, and **26.0610, 22.7807, 15.3355** is the 20% darker color. If you saturate the color by 10%, you get **47.8751, 40.9668, 26.1535**, and if you desaturate by 10%, it is **58.2896, 55.7552, 48.2478**.

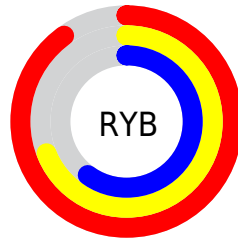
Distribution



Red (90%)

Green (67%)

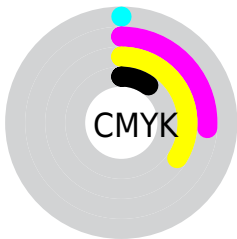
Blue (60%)



Red (90%)

Yellow (69%)

Blue (60%)

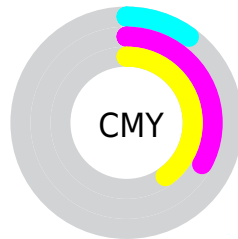


Cyan (0%)

Magenta (26%)

Yellow (34%)

Black (10%)



Cyan (10%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6753, 47.8394, 36.1634 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 52.6753, 47.8394, 36.1634 by changing the saturation by 10% instead.


 52.6753, 47.8394,
36.1634


 52.6753, 47.8394,
36.1634


387.3194,
378.1552, 344.7332

 37.7701, 33.6997,
24.2697


 93.2947, 86.9652,
70.4561

 25.9807, 22.6630,
15.3198


 119.7397,
112.7202, 93.6922

 16.9418, 14.3449,
8.8950

150.7619,
143.1157, 121.5461

 10.2880, 8.3609,
4.5769

186.7267,
178.5361, 154.4365

 5.6541, 4.3268,
1.9469

227.9995,
219.3659, 192.7819

 2.6746, 1.8580,
0.5223

274.9457,

 0.9841, 0.5229,

265.9894, 237.0007

0.0000

327.9305,
318.7910, 287.5117

■ 0.0000, 0.0000,
0.0000

■ 52.6753, 47.8394,
36.1634

■ 52.6753, 47.8394,
36.1634

■ 47.8751, 40.9668,
26.1535

■ 58.2896, 55.7552,
48.2478

■ 43.8463, 35.0868,
18.0975

■ 64.7505, 64.7486,
62.5119

■ 40.5480, 30.1545,
11.8672

■ 72.0931, 74.8608,
79.0574

■ 37.9336, 26.1189,
7.3173

■ 80.3495, 86.1289,
97.9787

■ 35.9506, 22.9237,
4.2803

■ 86.4431, 95.5630,
108.4972

■ 34.5379, 20.5058,
2.5532

■ 33.9104, 19.3775,
1.9530

Harmonies

Analogous

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



55.1464, 47.8394, 46.6101



52.6753, 47.8394, 36.1634



48.3404, 47.8394, 30.6531

Triad

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



52.6753, 47.8394, 36.1634



37.1909, 47.8394, 44.4432



47.4833, 47.8394, 82.5879

Complementary

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



52.6753, 47.8394, 36.1634



50.7744, 59.4734, 83.6663

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.



42.7153, 47.8394, 81.7272



52.6753, 47.8394, 36.1634



36.9972, 47.8394, 57.9812

Square

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



52.6753, 47.8394, 36.1634



39.5027, 47.8394, 34.8197



38.9535, 47.8394, 72.1140



52.0097, 47.8394, 74.2913

Rectangle

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



52.6753, 47.8394, 36.1634



45.0902, 47.8394, 29.7989



38.9535, 47.8394, 72.1140



45.8517, 47.8394, 83.3963

Sweetspot

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



52.6765, 47.8417, 36.1644



85.2718, 86.5832, 86.7132



55.8846, 44.0891, 68.5822



17.9773, 18.1538, 17.9442



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.



52.6765, 47.8417, 36.1644



62.0303, 53.9745, 36.1933



60.8323, 64.1532, 38.8830



14.6456, 14.9051, 15.0095



19.2750, 11.1242, 1.1313



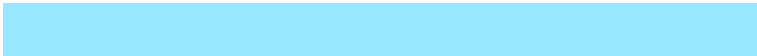
1.4940, 0.9613, 0.1068

Inverse Universe

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



50.7744, 59.4734, 83.6663



59.2493, 70.8240, 105.1554



42.3876, 42.6998, 80.8707



14.5106, 15.7426, 18.4182



17.0741, 21.2103, 45.5773



1.3306, 1.7051, 3.3909

Previews

White Background



This preview shows how the XYZ color 52.6753, 47.8394, 36.1634 looks on a white background.

Color Contrast Check

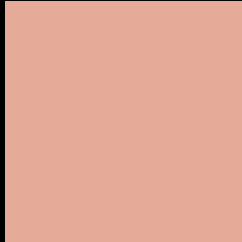
Large Text (above 18pt) WCAG AA × Fail

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 52.6753, 47.8394, 36.1634 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 52.6753, 47.8394, 36.1634

Background



This preview shows how black text looks on a background with the XYZ color 52.6753, 47.8394, 36.1634.



This preview shows how white text looks on a background with the XYZ color 52.6753, 47.8394,

36.1634.

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

52.6753, 47.8394, 36.1634

Protanopia

45.3908, 48.1216, 39.6969

Deuteranopia

49.0396, 47.9748, 35.9535



Tritanopia

55.3772, 47.8507, 48.9652

Trichromacy



Original Color

52.6753, 47.8394, 36.1634

Protanomaly

47.5744, 47.7623, 38.1641

Deuteranomaly

50.2372, 47.7221, 35.8417

Tritanomaly

54.2589, 47.6578, 43.8752

Monochromacy



Original Color

52.6753, 47.8394, 36.1634

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.3184, 48.2551, 46.8119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6753, 47.8394, 36.1634 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(230, 170, 152)` looks like.

```
.text, #text, p{  
    color:rgb(230, 170, 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(230, 170, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 170, 152) }
```

Border

The CSS property to change the border of an element to XYZ 52.6753, 47.8394, 36.1634 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(230, 170, 152) }
```


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

```
.border{ border-color:rgb(230, 170, 152) }
```

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

Here you see how a box with a 4 pixel rgb(230, 170, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 170, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 170, 152);  
box-shadow:4px 4px 4px 4px rgb(230, 170,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6753, 47.8394, 36.1634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 170, 152) }
```

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

```
.background{ background-color: rgb(230,  
170, 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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