

Converting Colors

XYZ(52.4608, 47.5747, 33.0396)

Have a look what the booklet for
XYZ(52.4608, 47.5747, 33.0396)
contains.

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Color

**XYZ(52.5775, 47.5761,
33.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A991
RGB	232, 169, 145
RGB Percent	91%, 66%, 57%
CMY	0.0902, 0.3372, 0.4314
CMYK	0.00, 0.27, 0.37, 0.09
HSL	17°, 65%, 74%
HSV	17°, 37%, 91%
XYZ	52.5775, 47.5761, 33.2000
YIQ	185.1010, 45.2520, 5.8920

Conversions

Conversions Part 2

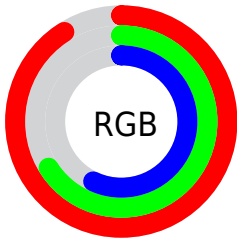
Format	Color
R _Y B	232, 178, 145
Decimal	15247761
CIE Lab	74.56, 20.12, 21.52
CIE LCh	75, 29.457, 46.929
Yxy	47.5761, 0.3943, 0.3568
Android (android.graphics.Color)	4293437841 (0xFFE8A991)
YUV	185.1010, -19.7698, 41.1304
Hunter-Lab	68.9754, 15.3572, 19.7447

Details

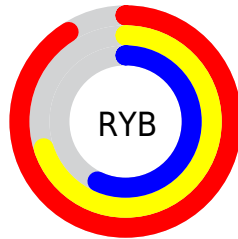
The XYZ color **52.5775, 47.5761, 33.2000** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7974, 56.9554, 84.7655**, and the grayscale version is **46.2603, 48.6694, 53.0010**.

A 20% lighter version of the original color is **78.2045, 78.6948, 65.1006**, and **25.8372, 22.5294, 13.5765** is the 20% darker color. If you saturate the color by 10%, you get **48.0412, 41.0799, 23.7451**, and if you desaturate by 10%, it is **57.8831, 55.0260, 44.7145**.

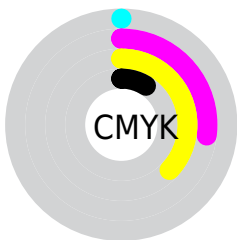
Distribution



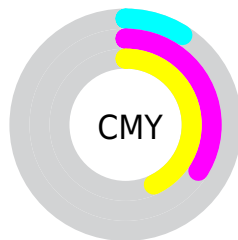
- Red (91%)
- Green (66%)
- Blue (57%)



- Red (91%)
- Yellow (70%)
- Blue (57%)



- Cyan (0%)
- Magenta (27%)
- Yellow (37%)
- Black (9%)



- Cyan (9%)
- Magenta (34%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5775, 47.5761, 33.2000 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 52.5775, 47.5761, 33.2000 by changing the saturation by 10% instead.


 52.5775, 47.5761,
33.2000


 52.5775, 47.5761,
33.2000


386.9495,
377.1094, 331.2096

 37.6917, 33.4913,
22.0073


 93.1516, 86.5729,
65.8073

 25.9196, 22.5031,
13.6639


 119.5706,
112.2538, 88.0589

 16.8959, 14.2270,
7.7512


150.5647,
142.5687, 114.8340

 10.2551, 8.2787,
3.8507

186.4993,
177.9022, 146.5511

 5.6320, 4.2738,
1.5438

227.7397,
218.6386, 183.6286

 2.6612, 1.8279,
0.2502

274.6513,

 0.9772, 0.5045,

265.1624, 226.4852

0.0000

327.5995,
317.8578, 275.5393

■ 0.0000, 0.0000,
0.0000

■ 52.5775, 47.5761,
33.2000

■ 52.5775, 47.5761,
33.2000

■ 48.0412, 41.0799,
23.7451

■ 57.8831, 55.0260,
44.7145

■ 44.2329, 35.4913,
16.2239

■ 63.9893, 63.4598,
58.3985

■ 41.1130, 30.7704,
10.5012

■ 70.9297, 72.9146,
74.3572

■ 38.6359, 26.8713,
6.4230

■ 78.7353, 83.4236,
92.6885

■ 36.7500, 23.7436,
3.8085

■ 86.4537, 94.6258,
108.3158

■ 35.3906, 21.3287,
2.4182

■ 87.0887, 95.8958,
108.5274

■ 35.1129, 20.8241,
2.1688

Harmonies

Analogous

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



55.7378, 47.5761, 43.7250



52.5775, 47.5761, 33.2000



47.5747, 47.5761, 28.1691

Triad

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



52.5775, 47.5761, 33.2000



35.9623, 47.5761, 45.4503



48.2668, 47.5761, 85.2190

Complementary

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



52.5775, 47.5761, 33.2000



48.7974, 56.9554, 84.7655

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.



42.9436, 47.5761, 85.9331



52.5775, 47.5761, 33.2000



36.1157, 47.5761, 60.8177

Square

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



52.5775, 47.5761, 33.2000



38.1456, 47.5761, 34.2485



38.5824, 47.5761, 76.3085



53.1183, 47.5761, 74.5155

Rectangle

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



52.5775, 47.5761, 33.2000



43.9957, 47.5761, 27.8073



38.5824, 47.5761, 76.3085



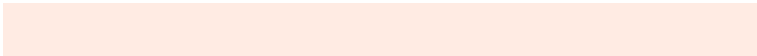
46.4661, 47.5761, 86.6997

Sweetspot

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



52.5787, 47.5784, 33.2009



84.7178, 86.0424, 84.7796



54.8882, 42.0006, 65.4060



17.8799, 18.0720, 17.5632



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.



52.5787, 47.5784, 33.2009



60.7279, 52.6324, 31.8661



61.8582, 66.1374, 36.2941



14.6990, 15.0120, 15.0273



19.5839, 11.7420, 1.2342



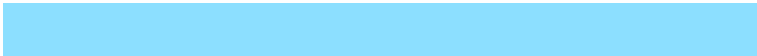
1.5232, 1.0198, 0.1166

Inverse Universe

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



48.7974, 56.9554, 84.7655



55.3855, 65.7733, 104.3841



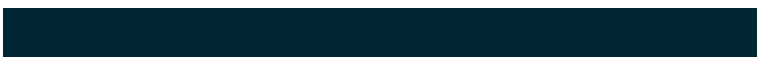
39.7523, 38.8650, 81.7504



14.4536, 15.6286, 18.3992



15.9692, 19.0004, 45.2090



1.2569, 1.5577, 3.3664

Previews

White Background



This preview shows how the XYZ color 52.5775, 47.5761, 33.2000 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 52.5775, 47.5761, 33.2000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

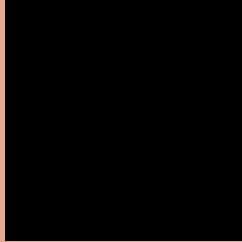
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5775, 47.5761, 33.2000

Background



This preview shows how black text looks on a background with the XYZ color 52.5775, 47.5761, 33.2000.



This preview shows how white text looks on a background with the XYZ color 52.5775, 47.5761,

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

52.5775, 47.5761, 33.2000

Protanopia

44.8491, 47.6033, 36.5303

Deuteranopia

48.5837, 47.5114, 32.9955



Tritanopia

55.4722, 47.3874, 47.8180

Trichromacy



Original Color

52.5775, 47.5761, 33.2000

Protanomaly

47.3576, 47.4206, 35.0908

Deuteranomaly

49.7964, 47.2729, 32.8856

Tritanomaly

54.3594, 47.4815, 41.8971

Monochromacy



Original Color

52.5775, 47.5761, 33.2000

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.7329, 47.6990, 44.7212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5775, 47.5761, 33.2000 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, 169, 145)` looks like.

```
.text, #text, p{  
    color:rgb(232, 169, 145)  
}
```

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, 169, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 169, 145) }
```

Border

The CSS property to change the border of an element to XYZ 52.5775, 47.5761, 33.2000 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, 169, 145) }
```


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

```
.border{ border-color:rgb(232, 169, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 169, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 169, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 169, 145);  
box-shadow:4px 4px 4px 4px rgb(232, 169,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5775, 47.5761, 33.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 169, 145) }
```

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

```
.background{ background-color: rgb(232,  
169, 145) }
```

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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