

Converting Colors

XYZ(53.2801, 47.0490, 34.5206)

Have a look what the booklet for
XYZ(53.2801, 47.0490, 34.5206)
contains.

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Color

**XYZ(53.3220, 47.1045,
34.7155)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA695
RGB	235, 166, 149
RGB Percent	92%, 65%, 58%
CMY	0.0784, 0.3490, 0.4157
CMYK	0.00, 0.29, 0.37, 0.08
HSL	12°, 68%, 75%
HSV	12°, 37%, 92%
XYZ	53.3220, 47.1045, 34.7155
YIQ	184.6930, 46.5810, 9.3410

Conversions

Conversions Part 2

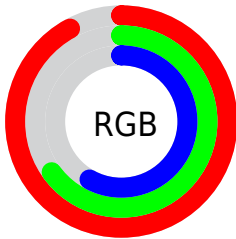
Format	Color
R _Y B	235, 170, 149
Decimal	15443605
CIE Lab	74.26, 23.34, 18.98
CIE LCh	74, 30.084, 39.124
Yxy	47.1045, 0.3946, 0.3486
Android (android.graphics.Color)	4293633685 (0xFFEBA695)
YUV	184.6930, -17.5966, 44.1192
Hunter-Lab	68.6327, 18.5726, 18.0531

Details

The XYZ color **53.3220, 47.1045, 34.7155** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.4604, 62.5284, 87.9016**, and the grayscale version is **46.0211, 48.4178, 52.7269**.

A 20% lighter version of the original color is **77.8759, 77.2847, 67.3128**, and **26.3534, 22.2636, 14.4636** is the 20% darker color. If you saturate the color by 10%, you get **48.4522, 40.0706, 24.7511**, and if you desaturate by 10%, it is **59.0752, 55.2991, 46.8429**.

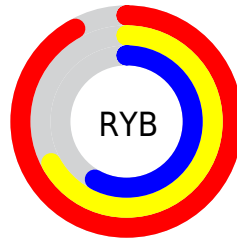
Distribution



Red (92%)

Green (65%)

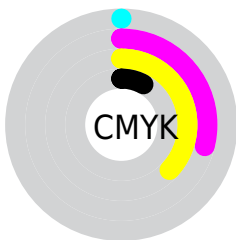
Blue (58%)



Red (92%)

Yellow (67%)

Blue (58%)

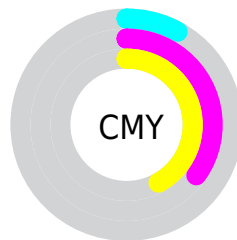


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (8%)



Cyan (8%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3220, 47.1045, 34.7155 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 53.3220, 47.1045, 34.7155 by changing the saturation by 10% instead.


 53.3220, 47.1045,
34.7155

 53.3220, 47.1045,
34.7155


389.7600,
375.2315, 338.1768

 38.2884, 33.1183,
23.1620

 94.2408, 85.8696,
68.1914

 26.3848, 22.2171,
14.5068


 120.8566,
111.4172, 90.9508

 17.2459, 14.0165,
8.3312


152.0639,
141.5875, 118.2827

 10.5064, 8.1321,
4.2168

188.2281,
176.7647, 150.6054

 5.8008, 4.1796,
1.7450

229.7144,
217.3334, 188.3377

 2.7638, 1.7745,
0.3913

276.8883,

 1.0301, 0.4712,

263.6778, 231.8980

0.0000

330.1150,
316.1823, 281.7049

■ 0.0000, 0.0000,
0.0000

■ 53.3220, 47.1045,
34.7155

■ 53.3220, 47.1045,
34.7155

■ 48.4522, 40.0706,
24.7511

■ 59.0752, 55.2991,
46.8429

■ 44.4176, 34.1381,
16.8190

■ 65.7496, 64.6970,
61.2478

■ 41.1705, 29.2521,
10.7786

■ 73.3852, 75.3468,
78.0401

■ 38.6570, 25.3507,
6.4703

■ 82.0184, 87.2925,
97.3215

■ 36.8155, 22.3649,
3.7077

■ 88.0710, 96.4022,
108.5734

■ 35.5727, 20.2155,
2.2569

■ 35.2563, 19.6528,
1.9352

Harmonies

Analogous

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



55.8293, 47.1045, 46.7148



53.3220, 47.1045, 34.7155



48.5754, 47.1045, 28.2136

Triad

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



53.3220, 47.1045, 34.7155



35.7511, 47.1045, 41.4026



46.4388, 47.1045, 86.6210

Complementary

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



53.3220, 47.1045, 34.7155



52.4604, 62.5284, 87.9016

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.



41.1714, 47.1045, 84.4048



53.3220, 47.1045, 34.7155



35.2795, 47.1045, 56.1520

Square

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



53.3220, 47.1045, 34.7155



38.5321, 47.1045, 31.5004



37.1876, 47.1045, 72.4415



51.6503, 47.1045, 77.9989

Rectangle

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



53.3220, 47.1045, 34.7155



44.9303, 47.1045, 26.9251



37.1876, 47.1045, 72.4415



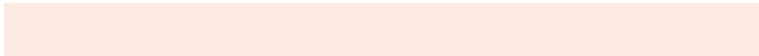
44.6129, 47.1045, 87.1509

Sweetspot

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



53.3232, 47.1068, 34.7164



84.0948, 84.7963, 84.5719



57.8256, 44.2843, 72.6792



17.7323, 17.7769, 17.5140



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.



53.3232, 47.1068, 34.7164



59.6353, 50.1421, 32.4425



62.1851, 64.8305, 37.6704



15.3066, 15.5362, 15.7108



19.6926, 11.0794, 1.1006



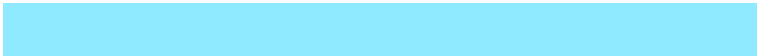
1.6123, 1.0019, 0.1084

Inverse Universe

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



52.4604, 62.5284, 87.9016



58.4296, 71.2147, 105.2740



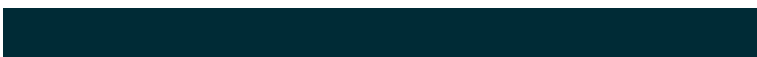
42.9614, 43.5305, 84.7353



15.2500, 16.5864, 19.3200



18.5094, 23.6658, 47.3354



1.5178, 1.9871, 3.7384

Previews

White Background



This preview shows how the XYZ color 53.3220, 47.1045, 34.7155 looks on a white background.

Color Contrast Check

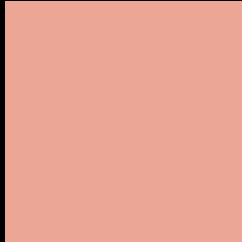
Large Text (above 18pt) WCAG AA × Fail

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 53.3220, 47.1045, 34.7155 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 53.3220, 47.1045, 34.7155

Background



This preview shows how black text looks on a background with the XYZ color 53.3220, 47.1045, 34.7155.



This preview shows how white text looks on a background with the XYZ color 53.3220, 47.1045,

34.7155.

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

53.3220, 47.1045, 34.7155

Protanopia

44.5520, 47.0967, 38.6407

Deuteranopia

48.2324, 47.3034, 34.1921



Tritanopia

55.5832, 46.9403, 46.6883

Trichromacy



Original Color

53.3220, 47.1045, 34.7155

Protanomaly

47.3705, 46.7937, 37.1072

Deuteranomaly

49.9166, 47.0153, 34.4609

Tritanomaly

54.5722, 46.7804, 42.2297

Monochromacy



Original Color

53.3220, 47.1045, 34.7155

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.9954, 47.5159, 45.6716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3220, 47.1045, 34.7155 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(235, 166, 149)` looks like.

```
.text, #text, p{  
    color:rgb(235, 166, 149)  
}
```

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(235, 166, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 166, 149) }
```

Border

The CSS property to change the border of an element to XYZ 53.3220, 47.1045, 34.7155 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(235, 166, 149) }
```


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

```
.border{ border-color:rgb(235, 166, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 166, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 166, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 166, 149);  
box-shadow:4px 4px 4px 4px rgb(235, 166,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3220, 47.1045, 34.7155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 166, 149) }
```

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

```
.background{ background-color: rgb(235,  
166, 149) }
```

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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