

Converting Colors

XYZ(54.4679, 51.7659, 34.8242)

Have a look what the booklet for
XYZ(54.4679, 51.7659, 34.8242)
contains.

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Color

**XYZ(54.5427, 51.7380,
34.7155)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B493
RGB	231, 180, 147
RGB Percent	91%, 71%, 58%
CMY	0.0941, 0.2941, 0.4235
CMYK	0.00, 0.22, 0.36, 0.09
HSL	24°, 64%, 74%
HSV	24°, 36%, 91%
XYZ	54.5427, 51.7380, 34.7155
YIQ	191.4870, 40.9890, 0.5490

Conversions

Conversions Part 2

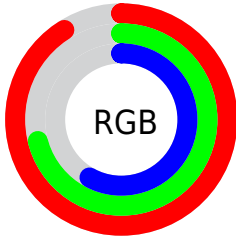
Format	Color
R _{YB}	231, 201, 147
Decimal	15185043
CIE _{Lab}	77.12, 14.10, 23.93
CIE _{LCh}	77, 27.774, 59.485
Yxy	51.7380, 0.3868, 0.3669
Android (android.graphics.Color)	4293375123 (0xFFE7B493)
YUV	191.4870, -21.9321, 34.6529
Hunter-Lab	71.9291, 9.4777, 21.7350

Details

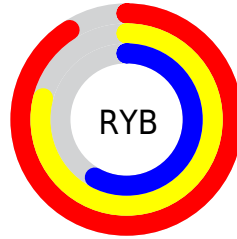
The XYZ color **54.5427, 51.7380, 34.7155** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.6498, 52.3589, 83.2489**, and the grayscale version is **49.9120, 52.5113, 57.1848**.

A 20% lighter version of the original color is **81.7781, 85.4680, 67.4451**, and **27.1563, 25.0219, 14.4648** is the 20% darker color. If you saturate the color by 10%, you get **50.2198, 45.7076, 25.2118**, and if you desaturate by 10%, it is **59.5187, 58.4918, 46.2337**.

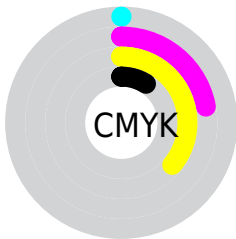
Distribution



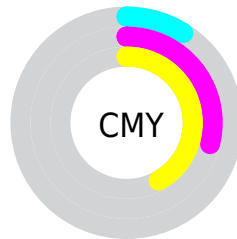
- Red (91%)
- Green (71%)
- Blue (58%)



- Red (91%)
- Yellow (79%)
- Blue (58%)



- Cyan (0%)
- Magenta (22%)
- Yellow (36%)
- Black (9%)



- Cyan (9%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5427, 51.7380, 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 54.5427, 51.7380, 34.7155 by changing the saturation by 10% instead.


 54.5427, 51.7380,
34.7155


 54.5427, 51.7380,
34.7155


394.3408,
393.4243, 338.1768

 39.2681, 36.7963,
23.1620


 96.0229, 92.7447,
68.1914

 27.1500, 25.0498,
14.5068


 122.9591,
119.5785, 90.9508

 17.8231, 16.1142,
8.3312

154.5133,
151.1452, 118.2827

 10.9220, 9.6050,
4.2168

191.0508,
187.8290, 150.6054

 6.0813, 5.1378,
1.7450

232.9369,
230.0144, 188.3377

 2.9357, 2.3284,
0.3913

280.5371,

 1.1199, 0.7887,

278.0859, 231.8980

0.0000

334.2166,
332.4277, 281.7049

■ 0.0416, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5427, 51.7380,
34.7155

■ 54.5427, 51.7380,
34.7155

■ 50.2198, 45.7076,
25.2118

■ 59.5187, 58.4918,
46.2337

■ 46.5158, 40.3676,
17.6011

■ 65.1720, 65.9859,
59.8717

■ 43.3986, 35.6930,
11.7538

■ 71.5304, 74.2458,
75.7312

■ 40.8316, 31.6540,
7.5223

■ 78.6188, 83.2935,
93.9064

■ 38.7728, 28.2181,
4.7343

■ 85.2292, 92.6573,
108.0003

■ 37.1715, 25.3483,
3.1748

■ 86.7650, 95.7289,
108.5123

■ 36.6759, 24.4307,
2.7826

Harmonies

Analogous

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



58.6070, 51.7380, 43.1352



54.5427, 51.7380, 34.7155



49.2672, 51.7380, 31.8660

Triad

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



54.5427, 51.7380, 34.7155



39.6581, 51.7380, 56.0717



54.3727, 51.7380, 85.8058

Complementary

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



54.5427, 51.7380, 34.7155



46.6498, 52.3589, 83.2489

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.



49.0838, 51.7380, 90.9148



54.5427, 51.7380, 34.7155



40.8142, 51.7380, 71.9828

Square

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



54.5427, 51.7380, 34.7155



40.8953, 51.7380, 42.7556



44.1723, 51.7380, 85.4586



58.5039, 51.7380, 72.5197

Rectangle

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



54.5427, 51.7380, 34.7155



45.8485, 51.7380, 33.0241



44.1723, 51.7380, 85.4586



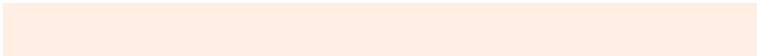
52.6595, 51.7380, 88.6322

Sweetspot

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



54.5440, 51.7404, 34.7165



85.6644, 87.9356, 85.0951



53.6746, 41.9711, 59.1838



18.1046, 18.5214, 17.6380



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.



54.5440, 51.7404, 34.7165



63.9287, 58.7290, 33.8737



64.1309, 70.9142, 37.9122



14.8392, 15.2923, 15.0740



20.6737, 13.9215, 1.5975



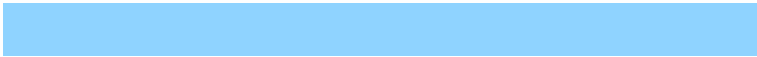
1.6161, 1.2055, 0.1475

Inverse Universe

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



46.6498, 52.3589, 83.2489



52.6162, 59.5881, 103.3362



38.4801, 36.0195, 80.5256



14.3073, 15.3359, 18.3504



13.4873, 14.0367, 44.3817



1.0865, 1.2170, 3.3096

Previews

White Background



This preview shows how the XYZ color 54.5427, 51.7380, 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 54.5427, 51.7380, 34.7155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

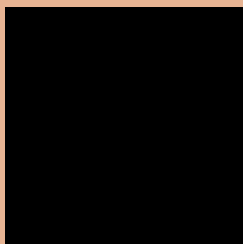
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5427, 51.7380, 34.7155

Background



This preview shows how black text looks on a background with the XYZ color 54.5427, 51.7380, 34.7155.



This preview shows how white text looks on a background with the XYZ color 54.5427, 51.7380,

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

54.5427, 51.7380, 34.7155

Protanopia

48.7096, 51.7904, 37.1350

Deuteranopia

52.8623, 51.7896, 34.4044



Tritanopia

58.4741, 51.5651, 54.4481

Trichromacy



Original Color

54.5427, 51.7380, 34.7155

Protanomaly

50.5045, 51.4660, 36.1262

Deuteranomaly

53.5948, 51.8621, 34.3798

Tritanomaly

56.9998, 51.5602, 46.4831

Monochromacy



Original Color

54.5427, 51.7380, 34.7155

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.9618, 51.7576, 47.8617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5427, 51.7380, 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(231, 180, 147)` looks like.

```
.text, #text, p{  
    color:rgb(231, 180, 147)  
}
```

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(231, 180, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 180, 147) }
```

Border

The CSS property to change the border of an element to XYZ 54.5427, 51.7380, 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(231, 180, 147) }
```


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

```
.border{ border-color:rgb(231, 180, 147) }
```

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

Here you see how a box with a 4 pixel rgb(231, 180, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 180, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 180, 147);  
box-shadow:4px 4px 4px 4px rgb(231, 180,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5427, 51.7380, 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(231, 180, 147) }
```

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

```
.background{ background-color: rgb(231,  
180, 147) }
```

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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