

Converting Colors

XYZ(54.4519, 53.9894, 30.6176)

Have a look what the booklet for
XYZ(54.4519, 53.9894, 30.6176)
contains.

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Color

**XYZ(54.4566, 53.9479,
30.4645)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BB87
RGB	229, 187, 135
RGB Percent	90%, 73%, 53%
CMY	0.1020, 0.2666, 0.4706
CMYK	0.00, 0.18, 0.41, 0.10
HSL	33°, 64%, 71%
HSV	33°, 41%, 90%
XYZ	54.4566, 53.9479, 30.4645
YIQ	193.6300, 41.7240, -7.2680

Conversions

Conversions Part 2

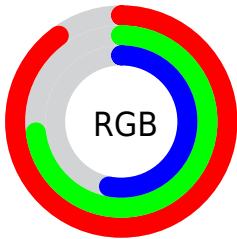
Format	Color
R_{YB}	211, 229, 135
Decimal	15055751
CIE _{Lab}	78.43, 8.25, 32.00
CIE _{LCh}	78, 33.048, 75.548
Yxy	53.9479, 0.3921, 0.3885
Android (android.graphics.Color)	4293245831 (0xFFE5BB87)
YUV	193.6300, -28.9046, 31.0195
Hunter-Lab	73.4492, 3.8070, 26.8228

Details

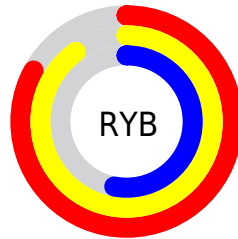
The XYZ color **54.4566, 53.9479, 30.4645** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.8562, 42.2509, 80.1833**, and the grayscale version is **51.2087, 53.8755, 58.6705**.

A 20% lighter version of the original color is **82.4759, 89.0353, 60.9827**, and **27.1780, 26.4767, 12.2724** is the 20% darker color. If you saturate the color by 10%, you get **50.9211, 49.1856, 22.1689**, and if you desaturate by 10%, it is **58.4962, 59.1632, 40.6400**.

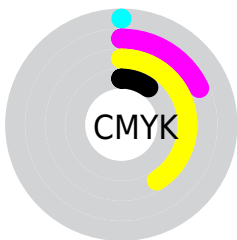
Distribution



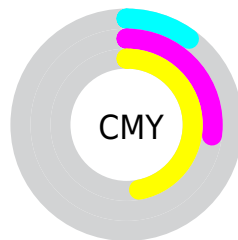
- Red (90%)
- Green (73%)
- Blue (53%)



- Red (83%)
- Yellow (90%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (41%)
- Black (10%)



- Cyan (10%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4566, 53.9479, 30.4645 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 54.4566, 53.9479, 30.4645 by changing the saturation by 10% instead.

■ 54.4566, 53.9479,
30.4645

■ 54.4566, 53.9479,
30.4645

394.0188,
401.9113, 318.3381

■ 39.1989, 38.5600,
19.9364

■ 95.8973, 95.9977,
61.4656

■ 27.0960, 26.4176,
12.1652

■ 122.8111,
123.4285, 82.7758

■ 17.7823, 17.1363,
6.7324

■ 154.3409,
155.6423, 108.5170

■ 10.8925, 10.3317,
3.2194

190.8522,
193.0236, 139.1078

■ 6.0614, 5.6195,
1.2077

232.7103,
235.9567, 174.9668

■ 2.9234, 2.6151,
0.0000

280.2805,

■ 1.1134, 0.9343,

284.8261, 216.5124

0.0000

333.9282,
340.0162, 264.1634

■ 0.0363, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4566, 53.9479,
30.4645

■ 54.4566, 53.9479,
30.4645

■ 50.9211, 49.1856,
22.1689

■ 58.4962, 59.1632,
40.6400

■ 47.8601, 44.8535,
15.6308

■ 63.0594, 64.8384,
52.8010

■ 45.2466, 40.9373,
10.7180

■ 68.1696, 70.9896,
67.0489

■ 43.0482, 37.4188,
7.2780

■ 73.8471, 77.6296,
83.4771

41.2272, 34.2771,
5.1287

80.1113, 84.7708,
102.1735

39.8629, 31.7576,
4.0288

84.0505, 91.2529,
107.7914

86.1231, 95.3980,
108.4822

Harmonies

Analogous

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



60.5295, 53.9479, 36.7274



54.4566, 53.9479, 30.4645



48.0004, 53.9479, 30.5789

Triad

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



54.4566, 53.9479, 30.4645



40.1598, 53.9479, 68.8589



60.7182, 53.9479, 87.5200

Complementary

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



54.4566, 53.9479, 30.4645



39.8562, 42.2509, 80.1833

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.



54.6970, 53.9479, 100.3794



54.4566, 53.9479, 30.4645



43.0170, 53.9479, 88.1522

Square

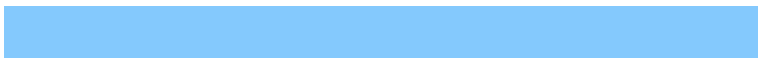
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.4566, 53.9479, 30.4645



40.1073, 53.9479, 50.2574



48.2215, 53.9479, 100.6326



64.3463, 53.9479, 68.1273

Rectangle

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



54.4566, 53.9479, 30.4645



44.3519, 53.9479, 34.1785



48.2215, 53.9479, 100.6326



58.8853, 53.9479, 92.9148

Sweetspot

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



54.4579, 53.9504, 30.4656



86.3017, 89.7693, 83.5844



48.9432, 37.1728, 46.3479



18.2820, 18.9878, 17.3536



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.



54.4579, 53.9504, 30.4656



65.7370, 63.8018, 29.9870



63.2262, 73.6832, 33.8123



15.0348, 15.6835, 15.1393



22.9136, 18.4014, 2.3441



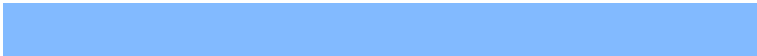
1.7856, 1.5446, 0.2040

Inverse Universe

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



39.8562, 42.2509, 80.1833



44.7956, 47.0337, 101.3252



33.5721, 28.5352, 77.8671



14.1103, 14.9419, 18.2847



10.9363, 8.9346, 43.5313



0.8997, 0.8433, 3.2473

Previews

White Background



This preview shows how the XYZ color 54.4566, 53.9479, 30.4645 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 54.4566, 53.9479, 30.4645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

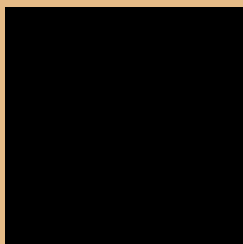
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4566, 53.9479, 30.4645

Background



This preview shows how black text looks on a background with the XYZ color 54.4566, 53.9479, 30.4645.



This preview shows how white text looks on a background with the XYZ color 54.4566, 53.9479,

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

54.4566, 53.9479, 30.4645

Protanopia

50.1737, 53.9739, 31.8183

Deuteranopia

55.2108, 54.0229, 30.4392



Tritanopia

60.0067, 53.7526, 57.6647

Trichromacy



Original Color

54.4566, 53.9479, 30.4645

Protanomaly

51.4651, 53.6667, 31.3131

Deuteranomaly

54.8871, 53.8560, 30.4241

Tritanomaly

57.7786, 53.7581, 46.3608

Monochromacy



Original Color

54.4566, 53.9479, 30.4645

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.9058, 53.5441, 47.1345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4566, 53.9479, 30.4645 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(229, 187, 135)` looks like.

```
.text, #text, p{  
    color:rgb(229, 187, 135)  
}
```

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(229, 187, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 187, 135) }
```

Border

The CSS property to change the border of an element to XYZ 54.4566, 53.9479, 30.4645 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(229, 187, 135) }
```


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

```
.border{ border-color:rgb(229, 187, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 187, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 187, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 187, 135);  
box-shadow:4px 4px 4px 4px rgb(229, 187,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4566, 53.9479, 30.4645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 187, 135) }
```

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

```
.background{ background-color: rgb(229,  
187, 135) }
```

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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