

Converting Colors

XYZ(53.2699, 50.2121, 34.5342)

Have a look what the booklet for
XYZ(53.2699, 50.2121, 34.5342)
contains.

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Color

**XYZ(53.3017, 50.2089,
34.4857)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B193
RGB	229, 177, 147
RGB Percent	90%, 69%, 58%
CMY	0.1020, 0.3059, 0.4235
CMYK	0.00, 0.23, 0.36, 0.10
HSL	22°, 61%, 74%
HSV	22°, 36%, 90%
XYZ	53.3017, 50.2089, 34.4857
YIQ	189.1280, 40.6220, 1.6940

Conversions

Conversions Part 2

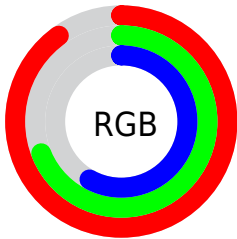
Format	Color
R _Y B	229, 194, 147
Decimal	15053203
CIE Lab	76.20, 14.92, 22.63
CIE LCh	76, 27.107, 56.603
Yxy	50.2089, 0.3863, 0.3638
Android (android.graphics.Color)	4293243283 (0xFFE5B193)
YUV	189.1280, -20.7691, 34.9677
Hunter-Lab	70.8582, 10.2712, 20.7452

Details

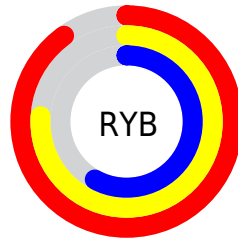
The XYZ color **53.3017, 50.2089, 34.4857** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.5981, 52.7051, 81.8459**, and the grayscale version is **48.5430, 51.0710, 55.6163**.

A 20% lighter version of the original color is **80.9215, 83.7549, 67.1596**, and **26.3322, 24.0305, 14.3168** is the 20% darker color. If you saturate the color by 10%, you get **48.9636, 44.1278, 25.0393**, and if you desaturate by 10%, it is **58.3053, 57.0482, 45.9197**.

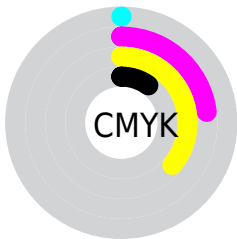
Distribution



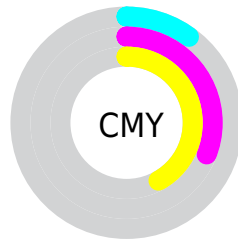
- Red (90%)
- Green (69%)
- Blue (58%)



- Red (90%)
- Yellow (76%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (36%)
- Black (10%)





- Cyan (10%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3017, 50.2089, 34.4857 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 53.3017, 50.2089, 34.4857 by changing the saturation by 10% instead.


 53.3017, 50.2089,
34.4857


 53.3017, 50.2089,
34.4857


389.6835,
387.4823, 337.1274

 38.2721, 35.5794,
22.9866

 94.2111, 90.4843,
67.8308

 26.3721, 24.1095,
14.3784


 120.8216,
116.8990, 90.5138

 17.2364, 15.4149,
8.2426


152.0231,
148.0109, 117.7619

 10.4995, 9.1111,
4.1606

188.1810,
184.2045, 149.9937

 5.7962, 4.8137,
1.7138

229.6607,
225.8639, 187.6275

 2.7610, 2.1384,
0.3702

276.8274,

 1.0287, 0.6861,

273.3738, 231.0821

0.0000

330.0465,
327.1185, 280.7759

■ 0.0000, 0.0000,
0.0000

■ 53.3017, 50.2089,
34.4857

■ 53.3017, 50.2089,
34.4857

■ 48.9636, 44.1278,
25.0393

■ 58.3053, 57.0482,
45.9197

■ 45.2563, 38.7703,
17.4619

■ 63.9992, 64.6647,
59.4444

■ 42.1476, 34.1094,
11.6269

■ 70.4116, 73.0853,
75.1593

■ 39.6001, 30.1132,
7.3904

■ 77.5678, 82.3336,
93.1567

■ 37.5717, 26.7470,
4.5850

■ 84.4272, 92.0063,
107.9169

■ 36.0120, 23.9716,
3.0047

■ 86.1231, 95.3980,
108.4822

■ 35.4675, 22.9668,
2.5637

Harmonies

Analogous

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



56.9971, 50.2089, 43.0767



53.3017, 50.2089, 34.4857



48.3030, 50.2089, 31.2331

Triad

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



53.3017, 50.2089, 34.4857



38.6223, 50.2089, 53.0286



52.2301, 50.2089, 83.6826

Complementary

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



53.3017, 50.2089, 34.4857



46.5981, 52.7051, 81.8459

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.



47.1458, 50.2089, 87.6100



53.3017, 50.2089, 34.4857



39.5121, 50.2089, 68.1740

Square

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



53.3017, 50.2089, 34.4857



40.0245, 50.2089, 40.6743



42.5460, 50.2089, 81.5009



56.3483, 50.2089, 71.5536

Rectangle

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



53.3017, 50.2089, 34.4857



44.9856, 50.2089, 32.0085



42.5460, 50.2089, 81.5009



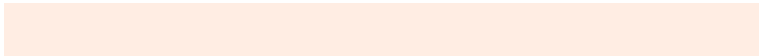
50.5672, 50.2089, 86.0893

Sweetspot

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



53.3030, 50.2113, 34.4867



85.4444, 87.4956, 85.0218



53.2075, 41.7101, 60.0744



18.0523, 18.4168, 17.6206



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.



53.3030, 50.2113, 34.4867



63.8259, 58.2111, 34.8017



62.3153, 68.2360, 37.4908



14.8066, 15.2272, 15.0632



20.3835, 13.3412, 1.5008



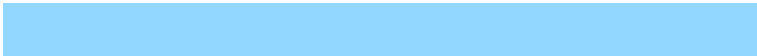
1.5924, 1.1582, 0.1396

Inverse Universe

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



46.5981, 52.7051, 81.8459



54.0581, 61.8101, 103.6891



38.6257, 36.7603, 79.1884



14.3408, 15.4031, 18.3616



14.0119, 15.0859, 44.5565



1.1232, 1.2904, 3.3218

Previews

White Background



This preview shows how the XYZ color 53.3017, 50.2089, 34.4857 looks on a white background.

Color Contrast Check

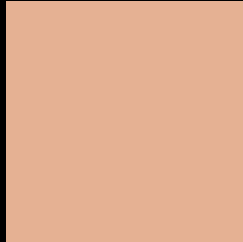
Large Text (above 18pt) WCAG AA × Fail

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 53.3017, 50.2089, 34.4857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

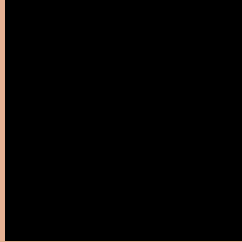
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3017, 50.2089, 34.4857

Background



This preview shows how black text looks on a background with the XYZ color 53.3017, 50.2089, 34.4857.



This preview shows how white text looks on a background with the XYZ color 53.3017, 50.2089,

34.4857.

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

53.3017, 50.2089, 34.4857

Protanopia

47.4701, 50.5128, 36.9538

Deuteranopia

51.2274, 50.3387, 34.2105



Tritanopia

57.1138, 50.3315, 52.6037

Trichromacy



Original Color

53.3017, 50.2089, 34.4857

Protanomaly

49.5095, 50.3319, 35.9598

Deuteranomaly

51.9410, 50.4058, 34.1858

Tritanomaly

55.7654, 50.3682, 45.3110

Monochromacy



Original Color

53.3017, 50.2089, 34.4857

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.8908, 50.5913, 47.1800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3017, 50.2089, 34.4857 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, 177, 147)` looks like.

```
.text, #text, p{  
    color:rgb(229, 177, 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(229, 177, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 177, 147) }
```

Border

The CSS property to change the border of an element to XYZ 53.3017, 50.2089, 34.4857 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, 177, 147) }
```


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

```
.border{ border-color:rgb(229, 177, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 177, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 177, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 177, 147);  
box-shadow:4px 4px 4px 4px rgb(229, 177,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3017, 50.2089, 34.4857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 177, 147) }
```

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

```
.background{ background-color: rgb(229,  
177, 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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