

Converting Colors

XYZ(54.6937, 53.6736, 36.7168)

Have a look what the booklet for
XYZ(54.6937, 53.6736, 36.7168)
contains.

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Color

**XYZ(54.5089, 53.5209,
36.7358)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BA97
RGB	226, 186, 151
RGB Percent	89%, 73%, 59%
CMY	0.1137, 0.2706, 0.4078
CMYK	0.00, 0.18, 0.33, 0.11
HSL	28°, 56%, 74%
HSV	28°, 33%, 89%
XYZ	54.5089, 53.5209, 36.7358
YIQ	193.9700, 35.0750, -2.4050

Conversions

Conversions Part 2

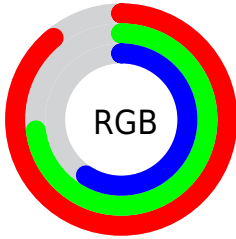
Format	Color
RYB	226, 217, 151
Decimal	14858903
CIELab	78.18, 9.46, 23.15
CIELCh	78, 25.007, 67.778
Yxy	53.5209, 0.3765, 0.3697
Android (android.graphics.Color)	4293048983 (0xFFE2BA97)
YUV	193.9700, -21.1842, 28.0903
Hunter-Lab	73.1580, 4.9712, 21.4385

Details

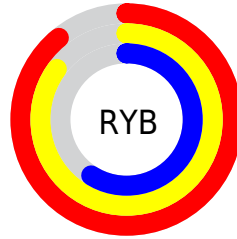
The XYZ color **54.5089, 53.5209, 36.7358** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.1203, 49.3305, 79.0954**, and the grayscale version is **51.3684, 54.0436, 58.8535**.

A 20% lighter version of the original color is **84.0116, 89.1720, 70.5416**, and **27.0500, 26.1302, 15.6745** is the 20% darker color. If you saturate the color by 10%, you get **50.4140, 47.9921, 27.1672**, and if you desaturate by 10%, it is **59.1726, 59.6238, 48.2309**.

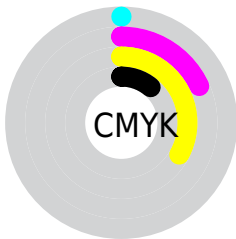
Distribution



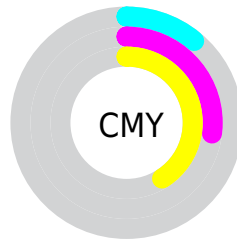
- Red (89%)
- Green (73%)
- Blue (59%)



- Red (89%)
- Yellow (85%)
- Blue (59%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5089, 53.5209, 36.7358 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 54.5089, 53.5209, 36.7358 by changing the saturation by 10% instead.


 54.5089, 53.5209,
36.7358


 54.5089, 53.5209,
36.7358


394.2144,
400.2804, 347.2994

 39.2410, 38.2188,
24.7088


 95.9736, 95.3704,
71.3480

 27.1288, 26.1525,
15.6432


 122.9010,
122.6866, 94.7704

 17.8071, 16.9378,
9.1204


154.4456,
154.7763, 122.8282

 10.9104, 10.1901,
4.7219

190.9728,
192.0238, 155.9402

 6.0735, 5.5252,
2.0292

232.8480,
234.8136, 194.5247

 2.9309, 2.5586,
0.5731

280.4364,

 1.1173, 0.9059,

283.5300, 239.0004

0.0000

334.1034,
338.5575, 289.7858

■ 0.0395, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5089, 53.5209,
36.7358

■ 54.5089, 53.5209,
36.7358

■ 50.4140, 47.9921,
27.1672

■ 59.1726, 59.6238,
48.2309

■ 46.8584, 43.0113,
19.4139

■ 64.4246, 66.3108,
61.7487

■ 43.8156, 38.5612,
13.3582

■ 70.2884, 73.6013,
77.3829

■ 41.2552, 34.6204,
8.8668

■ 76.7851, 81.5110,
95.2203

■ 39.1424, 31.1655,
5.7864

■ 82.4507, 89.4620,
107.5300

■ 37.4361, 28.1701,
3.9314

■ 85.1742, 94.9088,
108.4378

■ 36.4648, 26.3701,
3.1680

Harmonies

Analogous

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



58.6681, 53.5209, 43.2889



54.5089, 53.5209, 36.7358



49.6083, 53.5209, 35.4627

Triad

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



54.5089, 53.5209, 36.7358



42.1125, 53.5209, 61.9952



56.8491, 53.5209, 82.2506

Complementary

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



54.5089, 53.5209, 36.7358



45.1203, 49.3305, 79.0954

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.



52.1529, 53.5209, 89.2283



54.5089, 53.5209, 36.7358



43.7955, 53.5209, 76.3735

Square

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



54.5089, 53.5209, 36.7358



42.6542, 53.5209, 48.6743



47.3968, 53.5209, 86.9209



60.0784, 53.5209, 69.0622

Rectangle

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



54.5089, 53.5209, 36.7358



46.6134, 53.5209, 37.5526



47.3968, 53.5209, 86.9209



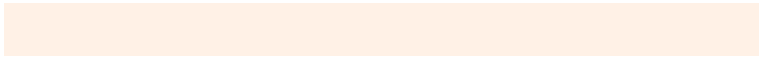
55.3782, 53.5209, 85.4892

Sweetspot

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



54.5103, 53.5234, 36.7369



87.0271, 90.0937, 87.2983



51.8351, 42.0642, 54.6780



18.4003, 18.9998, 18.0852



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.



54.5103, 53.5234, 36.7369



67.7847, 65.1498, 39.1395



63.4718, 71.4464, 39.7241



14.2319, 14.7499, 14.4037



20.9196, 15.2771, 1.8462



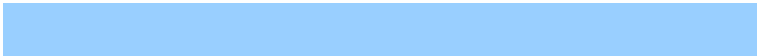
1.5390, 1.2369, 0.1576

Inverse Universe

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



45.1203, 49.3305, 79.0954



53.5952, 58.8090, 103.1343



37.9638, 35.0175, 76.7099



13.5542, 14.4476, 17.4620



11.8191, 11.1077, 42.5694



0.9086, 0.9487, 2.9805

Previews

White Background



This preview shows how the XYZ color 54.5089, 53.5209, 36.7358 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 54.5089, 53.5209, 36.7358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

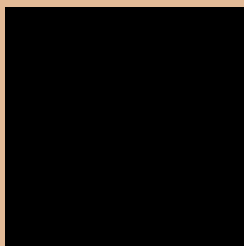
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5089, 53.5209, 36.7358

Background



This preview shows how black text looks on a background with the XYZ color 54.5089, 53.5209, 36.7358.



This preview shows how white text looks on a background with the XYZ color 54.5089, 53.5209,

36.7358.

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

54.5089, 53.5209, 36.7358

Protanopia

50.3563, 53.5948, 38.2626

Deuteranopia

54.8234, 53.6831, 36.7505



Tritanopia

59.0139, 53.5265, 58.2602

Trichromacy



Original Color

54.5089, 53.5209, 36.7358

Protanomaly

51.6038, 53.2730, 37.6999

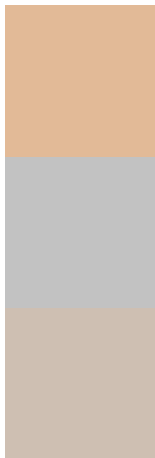
Deuteranomaly

54.8234, 53.6831, 36.7505

Tritanomaly

57.0769, 53.3283, 49.4046

Monochromacy



Original Color

54.5089, 53.5209, 36.7358

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.1203, 53.5978, 49.7178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5089, 53.5209, 36.7358 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(226, 186, 151)` looks like.

```
.text, #text, p{  
    color:rgb(226, 186, 151)  
}
```

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(226, 186, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 186, 151) }
```

Border

The CSS property to change the border of an element to XYZ 54.5089, 53.5209, 36.7358 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(226, 186, 151) }
```


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

```
.border{ border-color:rgb(226, 186, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 186, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 186, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 186, 151);  
box-shadow:4px 4px 4px 4px rgb(226, 186,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5089, 53.5209, 36.7358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 186, 151) }
```

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

```
.background{ background-color: rgb(226,  
186, 151) }
```

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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