

Converting Colors

XYZ(53.5928, 52.9872, 32.8737)

Have a look what the booklet for
XYZ(53.5928, 52.9872, 32.8737)
contains.

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Color

**XYZ(53.8054, 53.2396,
33.0316)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BA8E
RGB	226, 186, 142
RGB Percent	89%, 73%, 56%
CMY	0.1137, 0.2706, 0.4431
CMYK	0.00, 0.18, 0.37, 0.11
HSL	31°, 59%, 72%
HSV	31°, 37%, 89%
XYZ	53.8054, 53.2396, 33.0316
YIQ	192.9440, 37.9640, -5.2040

Conversions

Conversions Part 2

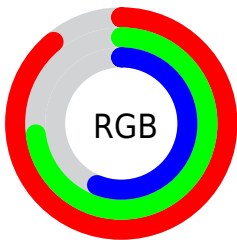
Format	Color
R _Y B	218, 226, 142
Decimal	14858894
CIE Lab	78.02, 8.38, 27.71
CIE LCh	78, 28.949, 73.183
Yxy	53.2396, 0.3841, 0.3801
Android (android.graphics.Color)	4293048974 (0xFFE2BA8E)
YUV	192.9440, -25.1154, 28.9901
Hunter-Lab	72.9655, 3.9379, 24.2351

Details

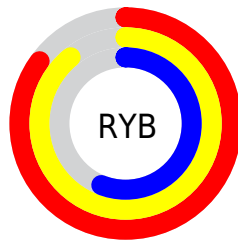
The XYZ color **53.8054, 53.2396, 33.0316** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.6101, 44.6960, 78.3855**, and the grayscale version is **50.7841, 53.4289, 58.1840**.

A 20% lighter version of the original color is **82.9559, 88.7498, 64.9827**, and **26.6380, 25.9654, 13.5054** is the 20% darker color. If you saturate the color by 10%, you get **50.0957, 48.2659, 24.2554**, and if you desaturate by 10%, it is **58.0326, 58.6974, 43.6786**.

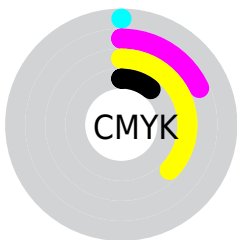
Distribution



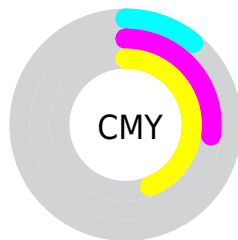
- Red (89%)
- Green (73%)
- Blue (56%)



- Red (85%)
- Yellow (89%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (37%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8054, 53.2396, 33.0316 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 53.8054, 53.2396, 33.0316 by changing the saturation by 10% instead.

 53.8054, 53.2396,
33.0316


 53.8054, 53.2396,
33.0316


391.5780,
399.2037, 330.4285

 38.6762, 37.9941,
21.8793


 94.9470, 94.9568,
65.5414

 26.6875, 25.9781,
13.5708


 121.6901,
122.1974, 87.7361

 17.4740, 16.8073,
7.6874

153.0352,
154.2050, 114.4486

 10.6704, 10.0972,
3.8107

189.3476,
191.3641, 146.0976

 5.9113, 5.4634,
1.5221

230.9928,
234.0592, 183.1015

 2.8314, 2.5217,
0.2343

278.3360,

 1.0652, 0.8874,

282.6745, 225.8790

0.0000

331.7426,
337.5946, 274.8484

■ 0.0000, 0.0000,
0.0000

■ 53.8054, 53.2396,
33.0316

■ 53.8054, 53.2396,
33.0316

■ 50.0957, 48.2659,
24.2554

■ 58.0326, 58.6974,
43.6786

■ 46.8748, 43.7529,
17.2354

■ 62.7959, 64.6466,
56.2953

■ 44.1170, 39.6862,
11.8492

■ 68.1181, 71.1040,
70.9775

■ 41.7919, 36.0472,
7.9571

■ 74.0192, 78.0829,
87.8137

■ 39.8647, 32.8152,
5.3954

■ 80.5177, 85.5961,
106.8857

■ 38.2904, 29.9654,
3.9496

■ 83.7766, 92.1140,
107.9720

■ 37.8890, 29.2188,
3.6428

■ 85.1740, 94.9087,
108.4378

Harmonies

Analogous

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



58.9293, 53.2396, 39.2064



53.8054, 53.2396, 33.0316



48.1694, 53.2396, 32.6825

Triad

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



53.8054, 53.2396, 33.0316



40.7612, 53.2396, 65.3447



58.3928, 53.2396, 83.6928

Complementary

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



53.8054, 53.2396, 33.0316



41.6101, 44.6960, 78.3855

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.



53.1165, 53.2396, 93.7717



53.8054, 53.2396, 33.0316



43.0998, 53.2396, 81.9267

Square

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



53.8054, 53.2396, 33.0316



40.9154, 53.2396, 49.4397



47.5296, 53.2396, 93.0712



61.7096, 53.2396, 67.4266

Rectangle

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



53.8054, 53.2396, 33.0316



44.8962, 53.2396, 35.6670



47.5296, 53.2396, 93.0712



56.7733, 53.2396, 88.0411

Sweetspot

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



53.8067, 53.2421, 33.0327



86.7447, 90.0962, 85.4552



49.5430, 38.9175, 49.4828



18.3616, 19.0354, 17.7237



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.



53.8067, 53.2421, 33.0327



66.7308, 64.6384, 33.8671



63.0056, 72.2890, 36.2243



14.2984, 14.8828, 14.4258



21.7355, 16.9090, 2.1182



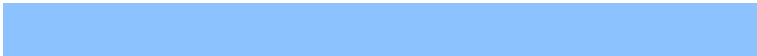
1.5961, 1.3511, 0.1767

Inverse Universe

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



41.6101, 44.6960, 78.3855



48.3969, 51.7962, 102.0546



34.7981, 30.7130, 76.0455



13.4877, 14.3145, 17.4398



10.9844, 9.4383, 42.2912



0.8506, 0.8326, 2.9611

Previews

White Background



This preview shows how the XYZ color 53.8054, 53.2396, 33.0316 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 53.8054, 53.2396, 33.0316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

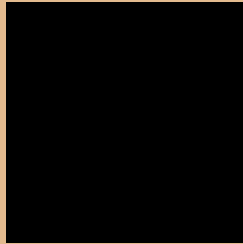
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8054, 53.2396, 33.0316

Background



This preview shows how black text looks on a background with the XYZ color 53.8054, 53.2396, 33.0316.



This preview shows how white text looks on a background with the XYZ color 53.8054, 53.2396,

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

53.8054, 53.2396, 33.0316

Protanopia

49.9129, 53.4497, 34.4742

Deuteranopia

54.2264, 53.1449, 32.9911



Tritanopia

58.7007, 53.0794, 57.6036

Trichromacy



Original Color

53.8054, 53.2396, 33.0316

Protanomaly

51.1791, 53.1367, 33.9445

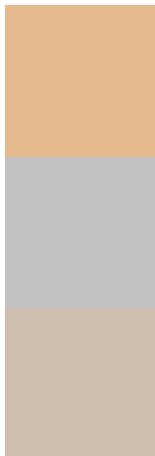
Deuteranomaly

53.9100, 52.9818, 32.9763

Tritanomaly

56.6810, 53.1699, 47.3198

Monochromacy



Original Color

53.8054, 53.2396, 33.0316

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.2303, 52.8620, 47.5477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8054, 53.2396, 33.0316 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(226, 186, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 186, 142) }
```

Border

The CSS property to change the border of an element to XYZ 53.8054, 53.2396, 33.0316 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, 142) }
```


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

```
.border{ border-color:rgb(226, 186, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 186, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 186, 142); box-shadow:4px 4px 4px 4px rgb(226, 186, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8054, 53.2396, 33.0316 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, 142) }
```

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

```
.background{ background-color: rgb(226,  
186, 142) }
```

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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