

Converting Colors

XYZ(53.6856, 53.2048, 30.7961)

Have a look what the booklet for
XYZ(53.6856, 53.2048, 30.7961)
contains.

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Color

**XYZ(53.6814, 53.2263,
30.7369)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BA88
RGB	227, 186, 136
RGB Percent	89%, 73%, 53%
CMY	0.1098, 0.2706, 0.4667
CMYK	0.00, 0.18, 0.40, 0.11
HSL	33°, 62%, 71%
HSV	33°, 40%, 89%
XYZ	53.6814, 53.2263, 30.7369
YIQ	192.5590, 40.4860, -6.8580

Conversions

Conversions Part 2

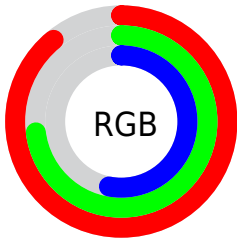
Format	Color
R_{YB}	211, 227, 136
Decimal	14924424
CIE _{Lab}	78.01, 8.09, 30.88
CIE _{LCh}	78, 31.927, 75.320
Yxy	53.2263, 0.3900, 0.3867
Android (android.graphics.Color)	4293114504 (0xFFE3BA88)
YUV	192.5590, -27.8836, 30.2048
Hunter-Lab	72.9564, 3.6670, 26.0903

Details

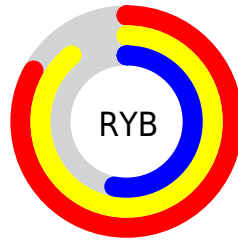
The XYZ color **53.6814, 53.2263, 30.7369** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.7400, 42.2230, 78.7283**, and the grayscale version is **50.5726, 53.2063, 57.9417**.

A 20% lighter version of the original color is **82.2864, 88.4820, 61.4570**, and **26.6448, 25.9930, 12.4169** is the 20% darker color. If you saturate the color by 10%, you get **50.1584, 48.4943, 22.4287**, and if you desaturate by 10%, it is **57.7030, 58.4084, 40.8980**.

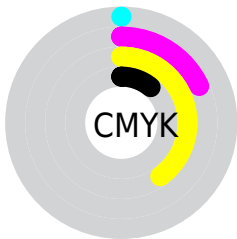
Distribution



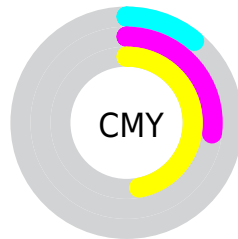
- Red (89%)
- Green (73%)
- Blue (53%)



- Red (83%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6814, 53.2263, 30.7369 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 53.6814, 53.2263, 30.7369 by changing the saturation by 10% instead.


 53.6814, 53.2263,
30.7369


 53.6814, 53.2263,
30.7369


391.1121,
399.1527, 319.6380


 38.5767, 37.9835,
20.1418


 94.7659, 94.9373,
61.9003

 26.6098, 25.9698,
12.3131


 121.4764,
122.1742, 83.3057

 17.4155, 16.8011,
6.8321


 152.7862,
154.1780, 109.1517

 10.6283, 10.0928,
3.2805

189.0607,
191.3329, 139.8566

 5.8829, 5.4605,
1.2396

230.6651,
234.0235, 175.8392

 2.8140, 2.5199,
0.0115

277.9650,

 1.0562, 0.8866,

282.6340, 217.5179

0.0000

331.3255,
337.5490, 265.3113

■ 0.0000, 0.0000,
0.0000

■ 53.6814, 53.2263,
30.7369

■ 53.6814, 53.2263,
30.7369

■ 50.1584, 48.4943,
22.4287

■ 57.7030, 58.4084,
40.8980

■ 47.1049, 44.1898,
15.8545

■ 62.2421, 64.0472,
53.0143

■ 44.4948, 40.2989,
10.8864

■ 67.3214, 70.1586,
67.1844

■ 42.2970, 36.8036,
7.3776

■ 72.9609, 76.7553,
83.4994

■ 40.4748, 33.6839,
5.1531

■ 79.1796, 83.8494,
102.0446

■ 38.9790, 30.9319,
3.9160

■ 83.1004, 90.2946,
107.6565

■ 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



59.4728, 53.2263, 36.8546



53.6814, 53.2263, 30.7369



47.4959, 53.2263, 30.8018

Triad

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



53.6814, 53.2263, 30.7369



39.9110, 53.2263, 67.4818



59.5780, 53.2263, 85.5246

Complementary

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



53.6814, 53.2263, 30.7369



39.7400, 42.2230, 78.7283

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.



53.8156, 53.2263, 97.6571



53.6814, 53.2263, 30.7369



42.6389, 53.2263, 85.8755

Square

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



53.6814, 53.2263, 30.7369



39.8815, 53.2263, 49.7014



47.6196, 53.2263, 97.7973



63.0619, 53.2263, 67.0739

Rectangle

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



53.6814, 53.2263, 30.7369



43.9867, 53.2263, 34.2613



47.6196, 53.2263, 97.7973



57.8232, 53.2263, 90.6298

Sweetspot

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



53.6827, 53.2288, 30.7380



86.2678, 89.7015, 83.5731



48.5658, 37.1728, 46.9814



18.2741, 18.9718, 17.3509



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.



53.6827, 53.2288, 30.7380



66.0679, 64.1860, 30.9527



62.6433, 72.5577, 33.9966



15.0302, 15.6743, 15.1377



22.8509, 18.2759, 2.3232



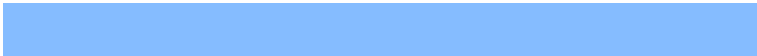
1.7811, 1.5355, 0.2025

Inverse Universe

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



39.7400, 42.2230, 78.7283



45.5876, 48.0296, 101.4757



33.3228, 28.6468, 76.4461



14.1148, 14.9510, 18.2862



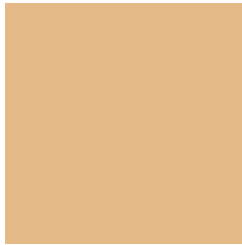
10.9852, 9.0324, 43.5476



0.9034, 0.8508, 3.2486

Previews

White Background



This preview shows how the XYZ color 53.6814, 53.2263, 30.7369 looks on a white background.

Color Contrast Check

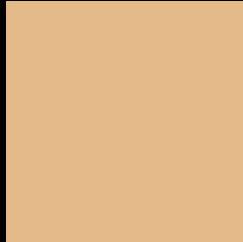
Large Text (above 18pt) WCAG AA × Fail

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 53.6814, 53.2263, 30.7369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

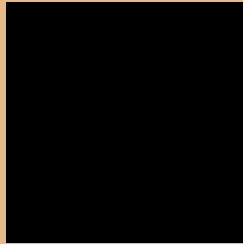
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6814, 53.2263, 30.7369

Background



This preview shows how black text looks on a background with the XYZ color 53.6814, 53.2263, 30.7369.



This preview shows how white text looks on a background with the XYZ color 53.6814, 53.2263,

30.7369.

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

53.6814, 53.2263, 30.7369

Protanopia

49.7426, 53.4139, 32.1143

Deuteranopia

54.4260, 53.2985, 30.7116



Tritanopia

59.2388, 53.3696, 57.0483

Trichromacy



Original Color

53.6814, 53.2263, 30.7369

Protanomaly

51.0252, 53.1090, 31.6065

Deuteranomaly

54.1060, 53.1335, 30.6967

Tritanomaly

57.1293, 53.4234, 46.3304

Monochromacy



Original Color

53.6814, 53.2263, 30.7369

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.0367, 52.7846, 46.5283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6814, 53.2263, 30.7369 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(227, 186, 136)` looks like.

```
.text, #text, p{  
    color:rgb(227, 186, 136)  
}
```

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(227, 186, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 186, 136) }
```

Border

The CSS property to change the border of an element to XYZ 53.6814, 53.2263, 30.7369 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(227, 186, 136) }
```


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

```
.border{ border-color:rgb(227, 186, 136) }
```

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

Here you see how a box with a 4 pixel rgb(227, 186, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 186, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 186, 136);  
box-shadow:4px 4px 4px 4px rgb(227, 186,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6814, 53.2263, 30.7369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 186, 136) }
```

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

```
.background{ background-color: rgb(227,  
186, 136) }
```

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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