

Converting Colors

XYZ(53.4679, 52.7962, 30.7156)

Have a look what the booklet for
XYZ(53.4679, 52.7962, 30.7156)
contains.

XYZ(53.4714, 52.8064, 30.6670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.4714, 52.8064,
30.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B988
RGB	227, 185, 136
RGB Percent	89%, 73%, 53%
CMY	0.1098, 0.2745, 0.4667
CMYK	0.00, 0.18, 0.40, 0.11
HSL	32°, 62%, 71%
HSV	32°, 40%, 89%
XYZ	53.4714, 52.8064, 30.6670
YIQ	191.9720, 40.7610, -6.3350

Conversions

Conversions Part 2

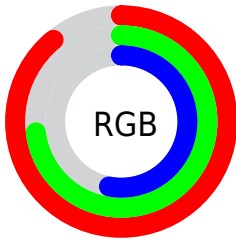
Format	Color
RYB	214, 227, 136
Decimal	14924168
CIELab	77.76, 8.62, 30.56
CIELCh	78, 31.749, 74.247
Yxy	52.8064, 0.3905, 0.3856
Android (android.graphics.Color)	4293114248 (0xFFE3B988)
YUV	191.9720, -27.5942, 30.7196
Hunter-Lab	72.6680, 4.1769, 25.8463

Details

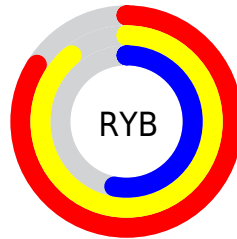
The XYZ color **53.4714, 52.8064, 30.6670** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.9382, 42.6195, 78.7942**, and the grayscale version is **50.2271, 52.8428, 57.5458**.

A 20% lighter version of the original color is **81.9896, 87.8883, 61.3580**, and **26.5085, 25.7205, 12.3715** is the 20% darker color. If you saturate the color by 10%, you get **49.9148, 48.0074, 22.3476**, and if you desaturate by 10%, it is **57.5338, 58.0701, 40.8417**.

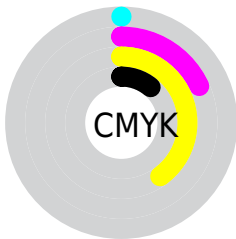
Distribution



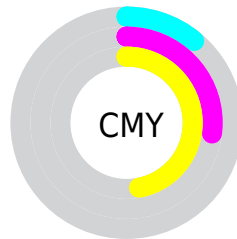
- Red (89%)
- Green (73%)
- Blue (53%)



- Red (84%)
- 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 53.4714, 52.8064, 30.6670 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 53.4714, 52.8064, 30.6670 by changing the saturation by 10% instead.


 53.4714, 52.8064,
30.6670


 53.4714, 52.8064,
30.6670


390.3224,
397.5419, 319.3048


 38.4082, 37.6482,
20.0891


 94.4591, 94.3194,
61.7888

 26.4783, 25.7098,
12.2751


 121.1144,
121.4431, 83.1698

 17.3164, 16.6067,
6.8065


 152.3643,
153.3240, 108.9889

 10.5570, 9.9545,
3.2648

188.5743,
190.3467, 139.6646

 5.8349, 5.3688,
1.2314

230.1098,
232.8954, 175.6156

 2.7846, 2.4652,
0.0045

277.3361,

 1.0409, 0.8591,

281.3546, 217.2602

0.0000

330.6185,
336.1086, 265.0171

■ 0.0000, 0.0000,
0.0000

■ 53.4714, 52.8064,
30.6670

■ 53.4714, 52.8064,
30.6670

■ 49.9148, 48.0074,
22.3476

■ 57.5338, 58.0701,
40.8417

■ 46.8349, 43.6499,
15.7645

■ 62.1212, 63.8055,
52.9741

■ 44.2051, 39.7195,
10.7899


■ 67.2566, 70.0291,
67.1629


■ 41.9940, 36.1979,
7.2766


■ 72.9602, 76.7540,
83.4992

■ 40.1648, 33.0641,
5.0498

■ 79.2512, 83.9927,
102.0686

 38.6680, 30.3098,
3.8124

 83.2527, 90.5993,
107.7073

 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



59.1503, 52.8064, 36.9506



53.4714, 52.8064, 30.6670



47.3357, 52.8064, 30.5156

Triad

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



53.4714, 52.8064, 30.6670



39.5765, 52.8064, 66.2438



58.9053, 52.8064, 85.3393

Complementary

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



53.4714, 52.8064, 30.6670



39.9382, 42.6195, 78.7942

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.



53.1586, 52.8064, 96.9799



53.4714, 52.8064, 30.6670



42.1852, 52.8064, 84.5224

Square

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



53.4714, 52.8064, 30.6670



39.6453, 52.8064, 48.7814



47.0474, 52.8064, 96.6536



62.4581, 52.8064, 67.1939

Rectangle

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



53.4714, 52.8064, 30.6670



43.8240, 52.8064, 33.7937



47.0474, 52.8064, 96.6536



57.1464, 52.8064, 90.2934

Sweetspot

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



53.4727, 52.8089, 30.6681



86.1683, 89.5024, 83.5399



48.5658, 37.1729, 46.9814



18.2506, 18.9249, 17.3431



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.



53.4727, 52.8089, 30.6681



65.7580, 63.5663, 30.8494



62.6431, 72.5575, 33.9966



15.0167, 15.6472, 15.1332



22.6694, 17.9129, 2.2627



1.7679, 1.5091, 0.1981

Inverse Universe

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



39.9382, 42.6195, 78.7942



45.8758, 48.6059, 101.5717



33.3228, 28.6469, 76.4459



14.1282, 14.9778, 18.2907



11.1318, 9.3257, 43.5965



0.9147, 0.8733, 3.2523

Previews

White Background



This preview shows how the XYZ color 53.4714, 52.8064, 30.6670 looks on a white background.

Color Contrast Check

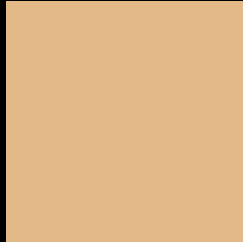
Large Text (above 18pt) WCAG AA × Fail

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 53.4714, 52.8064, 30.6670 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 53.4714, 52.8064, 30.6670

Background



This preview shows how black text looks on a background with the XYZ color 53.4714, 52.8064, 30.6670.



This preview shows how white text looks on a background with the XYZ color 53.4714, 52.8064,

30.6670.

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

53.4714, 52.8064, 30.6670

Protanopia

49.2420, 52.8288, 32.0277

Deuteranopia

53.8975, 52.7166, 30.6272



Tritanopia

58.9286, 52.9260, 56.4001

Trichromacy



Original Color

53.4714, 52.8064, 30.6670

Protanomaly

50.5166, 52.5263, 31.5208

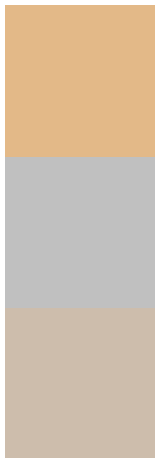
Deuteranomaly

53.5793, 52.5525, 30.6123

Tritanomaly

56.8296, 52.9769, 45.7584

Monochromacy



Original Color

53.4714, 52.8064, 30.6670

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.8208, 52.3529, 46.4563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4714, 52.8064, 30.6670 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, 185, 136)` looks like.

```
.text, #text, p{  
    color:rgb(227, 185, 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, 185, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 185, 136) }
```

Border

The CSS property to change the border of an element to XYZ 53.4714, 52.8064, 30.6670 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, 185, 136) }
```


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

```
.border{ border-color:rgb(227, 185, 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, 185, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 185, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 185, 136); box-shadow:4px 4px 4px 4px rgb(227, 185, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4714, 52.8064, 30.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 185, 136) }
```

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

```
.background{ background-color: rgb(227,  
185, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor