

Converting Colors

XYZ(52.3822, 53.2422, 13.9358)

Have a look what the booklet for
XYZ(52.3822, 53.2422, 13.9358)
contains.

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Color

**XYZ(52.2851, 53.1909,
13.9897)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E8BB4A |
| RGB | 232, 187, 74 |
| RGB Percent | 91%, 73%, 29% |
| CMY | 0.0902, 0.2666, 0.7098 |
| CMYK | 0.00, 0.19, 0.68, 0.09 |
| HSL | 43°, 77%, 60% |
| HSV | 43°, 68%, 91% |
| XYZ | 52.2851, 53.1909, 13.9897 |
| YIQ | 187.5730, 63.0930, -25.6030 |

Conversions

Conversions Part 2

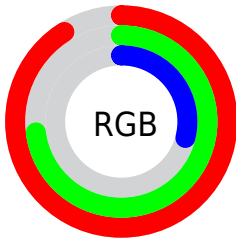
| Format | Color |
|-------------------------------------|--|
| RYB | 137, 232, 74 |
| Decimal | 15252298 |
| CIELab | 77.99, 4.57, 61.13 |
| CIELCh | 78, 61.297, 85.728 |
| Yxy | 53.1909, 0.4377, 0.4452 |
| Android (android.graphics.Color) | 4293442378 (0xFFE8BB4A) |
| YUV | 187.5730, -55.9915, 38.9625 |
| Hunter-Lab | 72.9321, 0.3357, 39.6796 |

Details

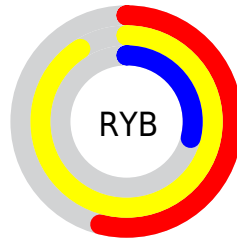
The XYZ color **52.2851, 53.1909, 13.9897** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **23.9861, 20.4750, 79.0314**, and the grayscale version is **47.8413, 50.3328, 54.8124**.

A 20% lighter version of the original color is **77.1869, 86.9197, 33.1311**, and **25.8250, 25.9610, 3.9977** is the 20% darker color. If you saturate the color by 10%, you get **50.2738, 50.1971, 10.1486**, and if you desaturate by 10%, it is **54.6515, 56.4341, 19.3715**.

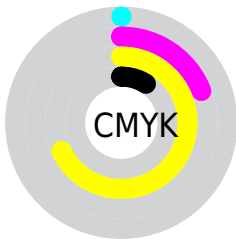
Distribution



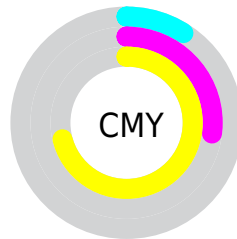
- Red (91%)
- Green (73%)
- Blue (29%)



- Red (54%)
- Yellow (91%)
- Blue (29%)



- Cyan (0%)
- Magenta (19%)
- Yellow (68%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2851, 53.1909, 13.9897 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 52.2851, 53.1909, 13.9897 by changing the saturation by 10% instead.


 52.2851, 53.1909,
13.9897

 52.2851, 53.1909,
13.9897


385.8422,
399.0171, 228.5929

 37.4576, 37.9552,
7.9748


 92.7233, 94.8852,
33.7876

 25.7373, 25.9479,
3.9913

 119.0647,
122.1126, 48.4077


 16.7588, 16.7847,
1.6206


 149.9747,
154.1060, 66.7334

 10.1569, 10.0811,
0.3054

 185.8188,
191.2498, 89.1830

 5.5662, 5.4528,
0.0000

 226.9622,
233.9285, 116.1753

 2.6213, 2.5153,
0.0000

273.7703,

 0.9568, 0.8843,

282.5263, 148.1287

0.0000

326.6085,
337.4277, 185.4617

■ 0.0000, 0.0000,
0.0000

■ 52.2851, 53.1909,
13.9897

■ 52.2851, 53.1909,
13.9897

■ 50.2738, 50.1971,
10.1486

■ 54.6515, 56.4341,
19.3715

■ 48.5795, 47.4298,
7.6683

■ 57.3984, 59.9320,
26.4407

■ 47.1555, 44.8710,
6.3021


■ 60.5531, 63.6988,
35.3304

■ 46.9024, 44.4034,
6.0987


■ 64.1388, 67.7452,
46.1595

■ 68.1768, 72.0809,
59.0367

 72.6871, 76.7152,
74.0625

 77.6882, 81.6567,
91.3309

 82.4475, 86.6136,
106.9804

 84.4265, 90.5717,
107.6401

Harmonies

Analogous

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



64.6115, 53.1909, 18.8124



52.2851, 53.1909, 13.9897



41.2343, 53.1909, 16.5926

Triad

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



52.2851, 53.1909, 13.9897



32.5727, 53.1909, 91.3877



71.9905, 53.1909, 103.3690

Complementary

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



52.2851, 53.1909, 13.9897



23.9861, 20.4750, 79.0314

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.



61.1870, 53.1909, 139.5911



52.2851, 53.1909, 13.9897



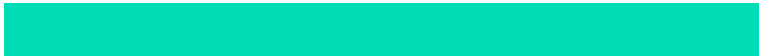
38.7033, 53.1909, 130.9742

Square

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



52.2851, 53.1909, 13.9897



30.9509, 53.1909, 53.1569



48.8661, 53.1909, 151.2879



77.0679, 53.1909, 62.9507

Rectangle

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



52.2851, 53.1909, 13.9897



35.8403, 53.1909, 23.0852



48.8661, 53.1909, 151.2879



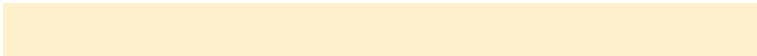
68.8329, 53.1909, 116.9755

Sweetspot

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



52.2863, 53.1935, 13.9907



83.4396, 88.2208, 69.7573



39.2034, 23.4441, 20.6777



17.5514, 18.5545, 13.9411



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.



52.2863, 53.1935, 13.9907



61.3481, 60.6904, 11.0555



54.0191, 70.5419, 17.2480



15.2366, 16.0871, 15.2065



26.1510, 24.8761, 3.4233



2.0106, 1.9946, 0.2790

Inverse Universe

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



23.9861, 20.4750, 79.0314



24.2694, 17.9928, 96.8016



22.9111, 13.7641, 77.7927



13.9154, 14.5522, 18.2198



9.2627, 5.5875, 42.9735



0.7617, 0.5674, 3.2013

Previews

White Background



This preview shows how the XYZ color 52.2851, 53.1909, 13.9897 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 52.2851, 53.1909, 13.9897 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 52.2851, 53.1909, 13.9897

Background



This preview shows how black text looks on a background with the XYZ color 52.2851, 53.1909, 13.9897.



This preview shows how white text looks on a background with the XYZ color 52.2851, 53.1909,

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

52.2851, 53.1909, 13.9897

Protanopia

48.3988, 53.1088, 14.5376

Deuteranopia

54.1387, 52.9002, 14.0140



Tritanopia

60.7909, 53.0348, 55.1768

Trichromacy



Original Color

52.2851, 53.1909, 13.9897

Protanomaly

49.7196, 53.1418, 14.2935

Deuteranomaly

53.3355, 52.7935, 14.0357

Tritanomaly

56.6465, 52.5239, 34.7563

Monochromacy



Original Color

52.2851, 53.1909, 13.9897

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.1515, 50.9104, 34.8926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2851, 53.1909, 13.9897 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(232, 187, 74)` looks like.

```
.text, #text, p{  
    color:rgb(232, 187, 74)  
}
```

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(232, 187, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 187, 74) }
```

Border

The CSS property to change the border of an element to XYZ 52.2851, 53.1909, 13.9897 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(232, 187, 74) }
```


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

```
.border{ border-color:rgb(232, 187, 74) }
```

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

Here you see how a box with a 4 pixel rgb(232, 187, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 187, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 187, 74);  
box-shadow:4px 4px 4px 4px rgb(232, 187,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2851, 53.1909, 13.9897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 187, 74) }
```

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

```
.background{ background-color: rgb(232,  
187, 74) }
```

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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