

Converting Colors

XYZ(52.9572, 53.2349, 13.4455)

Have a look what the booklet for
XYZ(52.9572, 53.2349, 13.4455)
contains.

XYZ(52.9572, 53.2349, 13.4455)	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(52.9572, 53.2349,
13.4455)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBA47
RGB	235, 186, 71
RGB Percent	92%, 73%, 28%
CMY	0.0784, 0.2706, 0.7216
CMYK	0.00, 0.21, 0.70, 0.08
HSL	42°, 80%, 60%
HSV	42°, 70%, 92%
XYZ	52.9572, 53.2349, 13.4455
YIQ	187.5410, 66.1190, -25.3770

Conversions

Conversions Part 2

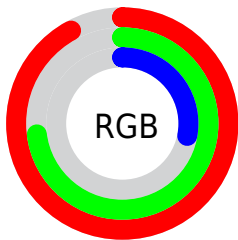
Format	Color
RYB	141, 235, 71
Decimal	15448647
CIELab	78.01, 6.20, 62.50
CIELCh	78, 62.805, 84.333
Yxy	53.2349, 0.4426, 0.4450
Android (android.graphics.Color)	4293638727 (0xFFEBBA47)
YUV	187.5410, -57.4547, 41.6215
Hunter-Lab	72.9623, 1.8743, 40.1476

Details

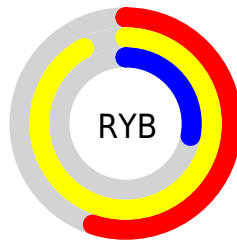
The XYZ color **52.9572, 53.2349, 13.4455** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **24.3102, 20.7701, 81.3245**, and the grayscale version is **47.8300, 50.3209, 54.7994**.

A 20% lighter version of the original color is **76.6938, 86.2449, 32.0068**, and **26.0886, 25.8978, 3.7386** is the 20% darker color. If you saturate the color by 10%, you get **50.9013, 50.1059, 9.7315**, and if you desaturate by 10%, it is **55.3797, 56.6311, 18.7207**.

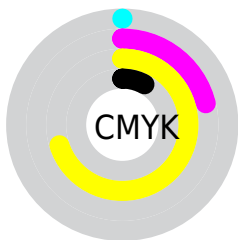
Distribution



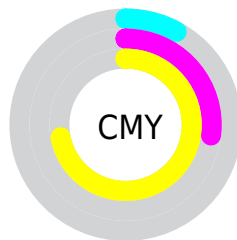
- Red (92%)
- Green (73%)
- Blue (28%)



- Red (55%)
- Yellow (92%)
- Blue (28%)



- Cyan (0%)
- Magenta (21%)
- Yellow (70%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9572, 53.2349, 13.4455 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 52.9572, 53.2349, 13.4455 by changing the saturation by 10% instead.


 52.9572, 53.2349,
13.4455

 52.9572, 53.2349,
13.4455


388.3844,
399.1857, 225.0606


 37.9959, 37.9903,
7.6017


 93.7073, 94.9499,
32.8047


 26.1567, 25.9752,
3.7571


 120.2268,
122.1892, 47.1572

 17.0742, 16.8051,
1.4930


 151.3298,
154.1954, 65.1830

 10.3831, 10.0956,
0.2127

 187.3817,
191.3531, 87.3006

 5.7179, 5.4624,
0.0000

 228.7477,
234.0466, 113.9287

 2.7133, 2.5210,
0.0000

275.7933,

 1.0040, 0.8871,

282.6602, 145.4857

0.0000

328.8837,
337.5785, 182.3901

■ 0.0000, 0.0000,
0.0000

■ 52.9572, 53.2349,
13.4455

■ 52.9572, 53.2349,
13.4455

■ 50.9013, 50.1059,
9.7315

■ 55.3797, 56.6311,
18.7207

■ 49.1716, 47.2198,
7.3871

■ 58.1962, 60.3006,
25.7126

■ 47.7087, 44.5535,
6.0996

■ 61.4353, 64.2587,
34.5614

■ 47.6788, 44.4981,
6.0761

■ 65.1215, 68.5167,
45.3918

■ 69.2775, 73.0851,
58.3176

■ 73.9239, 77.9738,
73.4439

■ 79.0803, 83.1919,
90.8688

■ 84.1136, 88.4879,
107.2543

■ 86.2455, 92.7516,
107.9650

Harmonies

Analogous

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



65.5926, 53.2349, 18.6486



52.9572, 53.2349, 13.4455



41.5106, 53.2349, 15.6957

Triad

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



52.9572, 53.2349, 13.4455



32.0468, 53.2349, 90.3928



72.2185, 53.2349, 106.7934

Complementary

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



52.9572, 53.2349, 13.4455



24.3102, 20.7701, 81.3245

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.



60.9238, 53.2349, 143.5794



52.9572, 53.2349, 13.4455



38.0830, 53.2349, 131.7395

Square

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



52.9572, 53.2349, 13.4455



30.6123, 53.2349, 51.5614



48.3103, 53.2349, 154.1844



77.8053, 53.2349, 64.8753

Rectangle

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



52.9572, 53.2349, 13.4455



35.8741, 53.2349, 21.8928



48.3103, 53.2349, 154.1844



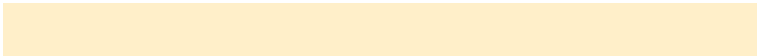
68.8835, 53.2349, 120.7487

Sweetspot

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



52.9584, 53.2375, 13.4465



82.7028, 87.2325, 68.0149



39.9167, 23.5300, 20.2717



17.3969, 18.3397, 13.5990



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.



52.9584, 53.2375, 13.4465



60.2694, 58.6840, 10.2302



55.2570, 72.4558, 17.0349



15.9500, 16.8230, 15.9252



26.6522, 24.9987, 3.4205



2.1762, 2.1296, 0.2964

Inverse Universe

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



24.3102, 20.7701, 81.3245



23.9869, 17.7480, 96.7692



22.9349, 13.4364, 79.9815



14.5980, 15.2825, 19.1027



9.6689, 5.9848, 44.3885



0.8406, 0.6327, 3.5127

Previews

White Background



This preview shows how the XYZ color 52.9572, 53.2349, 13.4455 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 52.9572, 53.2349, 13.4455 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 52.9572, 53.2349, 13.4455

Background



This preview shows how black text looks on a background with the XYZ color 52.9572, 53.2349, 13.4455.



This preview shows how white text looks on a background with the XYZ color 52.9572, 53.2349,

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

52.9572, 53.2349, 13.4455

Protanopia

48.5915, 53.2199, 14.0148

Deuteranopia

54.5858, 53.4496, 13.5707



Tritanopia

61.5214, 53.1360, 54.5907

Trichromacy



Original Color

52.9572, 53.2349, 13.4455

Protanomaly

50.0146, 52.9828, 13.7215

Deuteranomaly

54.1153, 53.5165, 13.6084

Tritanomaly

57.3069, 52.5859, 33.9178

Monochromacy



Original Color

52.9572, 53.2349, 13.4455

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.0580, 50.5641, 34.0150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9572, 53.2349, 13.4455 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(235, 186, 71)` looks like.

```
.text, #text, p{  
    color:rgb(235, 186, 71)  
}
```

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(235, 186, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 186, 71) }
```

Border

The CSS property to change the border of an element to XYZ 52.9572, 53.2349, 13.4455 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(235, 186, 71) }
```


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

```
.border{ border-color:rgb(235, 186, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 186, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 186, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 186, 71);  
box-shadow:4px 4px 4px 4px rgb(235, 186,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9572, 53.2349, 13.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 186, 71) }
```

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

```
.background{ background-color: rgb(235,  
186, 71) }
```

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