

Converting Colors

XYZ(54.7470, 59.8752, 10.9571)

Have a look what the booklet for
XYZ(54.7470, 59.8752, 10.9571)
contains.

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Color

**XYZ(54.7470, 59.8752,
10.9571)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CB2B
RGB	231, 203, 43
RGB Percent	91%, 80%, 17%
CMY	0.0941, 0.2039, 0.8313
CMYK	0.00, 0.12, 0.81, 0.09
HSL	51°, 80%, 54%
HSV	51°, 81%, 91%
XYZ	54.7470, 59.8752, 10.9571
YIQ	193.1320, 68.0480, -43.8240

Conversions

Conversions Part 2

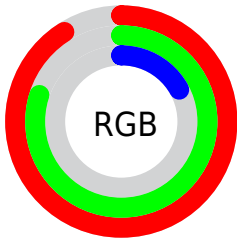
Format	Color
RYB	76, 231, 43
Decimal	15190827
CIELab	81.77, -5.41, 75.54
CIELCh	82, 75.736, 94.094
Yxy	59.8752, 0.4360, 0.4768
Android (android.graphics.Color)	4293380907 (0xFFE7CB2B)
YUV	193.1320, -74.0151, 33.2102
Hunter-Lab	77.3791, -9.1216, 45.7697

Details

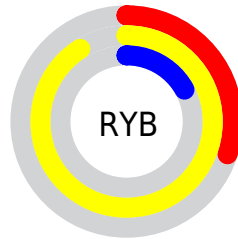
The XYZ color **54.7470, 59.8752, 10.9571** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **17.6736, 10.7898, 76.7520**, and the grayscale version is **51.1618, 53.8262, 58.6167**.

A 20% lighter version of the original color is **79.4987, 93.7795, 27.0079**, and **27.5420, 30.1528, 4.3685** is the 20% darker color. If you saturate the color by 10%, you get **53.6342, 58.1470, 9.0542**, and if you desaturate by 10%, it is **56.1201, 61.7410, 14.1302**.

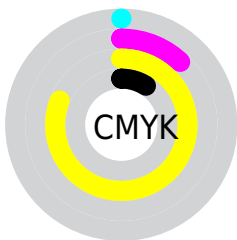
Distribution



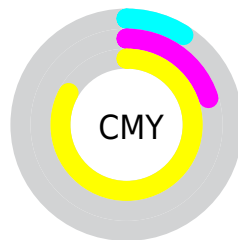
- Red (91%)
- Green (80%)
- Blue (17%)



- Red (30%)
- Yellow (91%)
- Blue (17%)



- Cyan (0%)
- Magenta (12%)
- Yellow (81%)
- Black (9%)





- Cyan (9%)
- Magenta (20%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7470, 59.8752, 10.9571 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 54.7470, 59.8752, 10.9571 by changing the saturation by 10% instead.


 54.7470, 59.8752,
10.9571


 54.7470, 59.8752,
10.9571


395.1042,
424.1376, 208.0999


 39.4322, 43.3180,
5.9242


 96.3207, 104.6486,
28.2162


 27.2784, 30.1347,
2.7310


 123.3103,
133.6337, 41.2796


 17.9201, 19.9409,
0.9590


 154.9222,
167.5301, 57.8568

 10.9920, 12.3521,
0.0000

 191.5218,
206.7224, 78.3664

 6.1287, 6.9839,
0.0000

 233.4745,
251.5949, 103.2270

 2.9649, 3.4521,
0.0000

 281.1455,

 1.1352, 1.3720,

302.5320, 132.8570

0.0000

334.9003,
359.9181, 167.6752

■ 0.0543, 0.1960,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7470, 59.8752,
10.9571

■ 54.7470, 59.8752,
10.9571

■ 53.6342, 58.1470,
9.0542

■ 56.1201, 61.7410,
14.1302

■ 52.8308, 56.7408,
8.1676

■ 57.7850, 63.7503,
18.7563

■ 59.7727, 65.9179,
24.9921

■ 62.1090, 68.2543,
32.9732

■ 64.8171, 70.7689,
42.8206

■ 67.9179, 73.4704,
54.6449

■ 71.4310, 76.3667,
68.5478

■ 75.3744, 79.4652,
84.6240

■ 79.7652, 82.7729,
102.9625

Harmonies

Analogous

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



71.3946, 59.8752, 13.7925



54.7470, 59.8752, 10.9571



41.3849, 59.8752, 16.1420

Triad

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



54.7470, 59.8752, 10.9571



35.0948, 59.8752, 127.8977



89.2108, 59.8752, 111.6135

Complementary

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



54.7470, 59.8752, 10.9571



17.6736, 10.7898, 76.7520

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.



75.8995, 59.8752, 168.3945



54.7470, 59.8752, 10.9571



44.5296, 59.8752, 180.4832

Square

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



54.7470, 59.8752, 10.9571



31.4636, 59.8752, 71.6709



59.1284, 59.8752, 197.9876



93.3274, 59.8752, 59.1194

Rectangle

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



54.7470, 59.8752, 10.9571



35.4995, 59.8752, 26.0465



59.1284, 59.8752, 197.9876



85.5549, 59.8752, 131.4978

Sweetspot

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



54.7484, 59.8781, 10.9583



83.8765, 90.9888, 64.0631



34.9629, 19.1747, 7.8543



17.6538, 19.2153, 12.5689



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.



54.7484, 59.8781, 10.9583



66.2845, 71.3043, 10.4160



44.5711, 65.3470, 12.5503



15.4091, 16.4322, 15.2640



29.6903, 31.9548, 4.6030



2.2439, 2.4612, 0.3568

Inverse Universe

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



17.6736, 10.7898, 76.7520



18.9529, 8.9310, 95.3327



21.5705, 10.7366, 76.5363



13.7552, 14.2317, 18.1664



8.4686, 3.9992, 42.7088



0.6800, 0.4039, 3.1741

Previews

White Background



This preview shows how the XYZ color 54.7470, 59.8752, 10.9571 looks on a white background.

Color Contrast Check

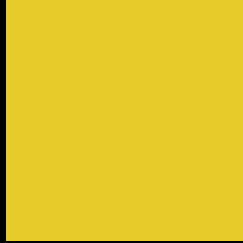
Large Text (above 18pt) WCAG AA × Fail

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 54.7470, 59.8752, 10.9571 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 54.7470, 59.8752, 10.9571

Background



This preview shows how black text looks on a background with the XYZ color 54.7470, 59.8752, 10.9571.



This preview shows how white text looks on a background with the XYZ color 54.7470, 59.8752,

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

54.7470, 59.8752, 10.9571

Protanopia

54.3420, 60.0182, 11.0060

Deuteranopia

61.0238, 59.6855, 12.0455



Tritanopia

65.7146, 59.6321, 65.1733

Trichromacy



Original Color

54.7470, 59.8752, 10.9571

Protanomaly

54.6620, 60.1831, 11.0210

Deuteranomaly

58.5698, 59.7644, 11.5807

Tritanomaly

59.6625, 58.8050, 34.9940

Monochromacy



Original Color

54.7470, 59.8752, 10.9571

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.2858, 55.0329, 32.0168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7470, 59.8752, 10.9571 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(231, 203, 43)` looks like.

```
.text, #text, p{  
    color:rgb(231, 203, 43)  
}
```

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(231, 203, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 203, 43) }
```

Border

The CSS property to change the border of an element to XYZ 54.7470, 59.8752, 10.9571 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(231, 203, 43) }
```


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

```
.border{ border-color:rgb(231, 203, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 203, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 203, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 203, 43);  
box-shadow:4px 4px 4px 4px rgb(231, 203,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7470, 59.8752, 10.9571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 203, 43) }
```

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

```
.background{ background-color: rgb(231,  
203, 43) }
```

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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