

Converting Colors

XYZ(54.1694, 60.7266, 15.3465)

Have a look what the booklet for
XYZ(54.1694, 60.7266, 15.3465)
contains.

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Color

**XYZ(54.2893, 60.9674,
15.3851)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CF4A
RGB	224, 207, 74
RGB Percent	88%, 81%, 29%
CMY	0.1216, 0.1882, 0.7098
CMYK	0.00, 0.08, 0.67, 0.12
HSL	53°, 71%, 58%
HSV	53°, 67%, 88%
XYZ	54.2893, 60.9674, 15.3851
YIQ	196.9210, 52.8250, -37.7590

Conversions

Conversions Part 2

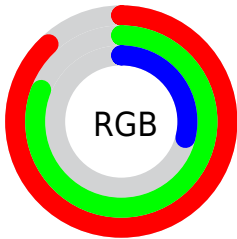
Format	Color
R_{YB}	93, 224, 74
Decimal	14733130
CIE Lab	82.36, -9.12, 65.42
CIE LCh	82, 66.050, 97.934
Yxy	60.9674, 0.4156, 0.4667
Android (android.graphics.Color)	4292923210 (0xFFE0CF4A)
YUV	196.9210, -60.6001, 23.7483
Hunter-Lab	78.0816, -12.5337, 42.9747

Details

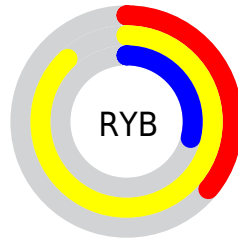
The XYZ color **54.2893, 60.9674, 15.3851** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **20.0197, 14.3195, 72.2292**, and the grayscale version is **53.3567, 56.1354, 61.1315**.

A 20% lighter version of the original color is **80.9624, 94.3650, 34.7160**, and **26.9247, 30.7884, 4.6098** is the 20% darker color. If you saturate the color by 10%, you get **53.0556, 59.5003, 11.8907**, and if you desaturate by 10%, it is **55.8043, 62.5674, 20.2997**.

Distribution



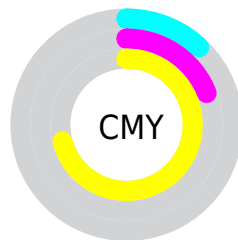
- Red (88%)
- Green (81%)
- Blue (29%)



- Red (36%)
- Yellow (88%)
- Blue (29%)



- Cyan (0%)
- Magenta (8%)
- Yellow (67%)
- Black (12%)



- Cyan (12%)
- Magenta (19%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2893, 60.9674, 15.3851 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 54.2893, 60.9674, 15.3851 by changing the saturation by 10% instead.

■ 54.2893, 60.9674,
15.3851

■ 54.2893, 60.9674,
15.3851

393.3926,
428.1545, 237.4060

■ 39.0646, 44.1989,
8.9405

■ 95.6533, 106.2317,
36.2792

■ 26.9909, 30.8269,
4.6061

■ 122.5233,
135.4963, 51.5657

■ 17.7030, 20.4671,
1.9634

■ 154.0058,
169.6950, 70.6366

■ 10.8353, 12.7350,
0.5326

■ 190.4660,
209.2123, 93.9105

■ 6.0227, 7.2463,
0.0000

■ 232.2695,
254.4325, 121.8058

■ 2.8997, 3.6166,
0.0000

279.7815,

■ 1.1009, 1.4615,

305.7399, 154.7411

0.0000

333.3675,
363.5191, 193.1350

■ 0.0259, 0.2614,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2893, 60.9674,
15.3851

■ 54.2893, 60.9674,
15.3851

■ 53.0556, 59.5003,
11.8907

■ 55.8043, 62.5674,
20.2997

■ 52.0688, 58.1455,
9.6546

■ 57.6221, 64.3021,
26.7657

■ 51.2915, 56.8901,
8.4729

■ 59.7667, 66.1835,
34.9036

■ 51.0768, 56.5204,
8.2175

■ 62.2587, 68.2199,
44.8211

■ 65.1167, 70.4188,
56.6167

■ 68.3582, 72.7872,
70.3818

■ 71.9994, 75.3318,
86.2017

■ 76.0556, 78.0587,
104.1569

■ 77.0440, 79.5748,
105.9066

Harmonies

Analogous

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



68.7293, 60.9674, 17.3249



54.2893, 60.9674, 15.3851



42.8421, 60.9674, 22.0752

Triad

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



54.2893, 60.9674, 15.3851



39.1040, 60.9674, 126.3930



86.8450, 60.9674, 99.9937

Complementary

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



54.2893, 60.9674, 15.3851



20.0197, 14.3195, 72.2292

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.



76.2424, 60.9674, 148.2761



54.2893, 60.9674, 15.3851



48.3570, 60.9674, 167.3324

Square

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



54.2893, 60.9674, 15.3851



35.0499, 60.9674, 77.6749



61.7668, 60.9674, 176.6482



89.1232, 60.9674, 56.2424

Rectangle

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



54.2893, 60.9674, 15.3851



37.8933, 60.9674, 33.1323



61.7668, 60.9674, 176.6482



84.0621, 60.9674, 116.6631

Sweetspot

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



54.2907, 60.9703, 15.3863



86.0835, 93.5084, 70.6386



35.0994, 21.5093, 12.3136



18.1919, 19.8354, 14.1546



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.



54.2907, 60.9703, 15.3863



70.6628, 79.1496, 14.6850



43.7228, 61.9666, 16.1356



14.7322, 15.7504, 14.5704



29.7844, 33.0068, 4.8011



2.1027, 2.3643, 0.3455

Inverse Universe

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



20.0197, 14.3195, 72.2292



21.8715, 12.8362, 95.9326



25.3416, 15.1454, 72.1081



13.0765, 13.4920, 17.3027



8.0805, 3.6306, 41.3232



0.6024, 0.3363, 2.8784

Previews

White Background



This preview shows how the XYZ color 54.2893, 60.9674, 15.3851 looks on a white background.

Color Contrast Check

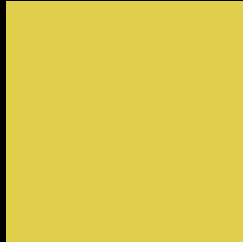
Large Text (above 18pt) WCAG AA × Fail

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 54.2893, 60.9674, 15.3851 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 54.2893, 60.9674, 15.3851

Background



This preview shows how black text looks on a background with the XYZ color 54.2893, 60.9674, 15.3851.



This preview shows how white text looks on a background with the XYZ color 54.2893, 60.9674,

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

54.2893, 60.9674, 15.3851

Protanopia

55.3805, 60.8151, 15.2982

Deuteranopia

62.2031, 60.8694, 16.0599



Tritanopia

65.0614, 60.8492, 68.6376

Trichromacy



Original Color

54.2893, 60.9674, 15.3851

Protanomaly

54.9859, 60.9679, 15.3485

Deuteranomaly

59.1068, 60.6300, 15.7952

Tritanomaly

59.7236, 60.3738, 41.7632

Monochromacy



Original Color

54.2893, 60.9674, 15.3851

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.2863, 57.3057, 38.0111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2893, 60.9674, 15.3851 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(224, 207, 74)` looks like.

```
.text, #text, p{  
    color:rgb(224, 207, 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(224, 207, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 207, 74) }
```

Border

The CSS property to change the border of an element to XYZ 54.2893, 60.9674, 15.3851 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(224, 207, 74) }
```


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

```
.border{ border-color:rgb(224, 207, 74) }
```

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

Here you see how a box with a 4 pixel rgb(224, 207, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 207, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 207, 74);  
box-shadow:4px 4px 4px 4px rgb(224, 207,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2893, 60.9674, 15.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 207, 74) }
```

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

```
.background{ background-color: rgb(224,  
207, 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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