

Converting Colors

XYZ(54.1543, 60.9029, 12.0124)

Have a look what the booklet for
XYZ(54.1543, 60.9029, 12.0124)
contains.

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Color

**XYZ(54.2744, 61.0334,
12.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CF33
RGB	226, 207, 51
RGB Percent	89%, 81%, 20%
CMY	0.1137, 0.1882, 0.8000
CMYK	0.00, 0.08, 0.77, 0.11
HSL	53°, 75%, 54%
HSV	53°, 77%, 89%
XYZ	54.2744, 61.0334, 12.0520
YIQ	194.8970, 61.4000, -44.4880

Conversions

Conversions Part 2

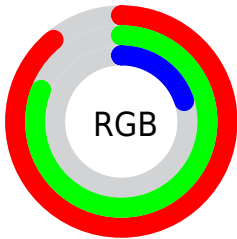
Format	Color
R_{YB}	72, 226, 51
Decimal	14864179
CIE Lab	82.40, -9.31, 73.62
CIE LCh	82, 74.208, 97.205
Yxy	61.0334, 0.4262, 0.4792
Android (android.graphics.Color)	4293054259 (0xFFE2CF33)
YUV	194.8970, -70.9412, 27.2773
Hunter-Lab	78.1239, -12.7088, 45.5402

Details

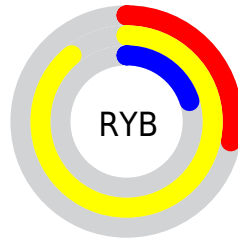
The XYZ color **54.2744, 61.0334, 12.0520** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **17.2831, 10.5752, 73.0813**, and the grayscale version is **52.1957, 54.9140, 59.8013**.

A 20% lighter version of the original color is **79.8145, 93.9058, 28.6708**, and **27.3276, 30.9980, 4.5429** is the 20% darker color. If you saturate the color by 10%, you get **53.3029, 59.7036, 9.8389**, and if you desaturate by 10%, it is **55.4999, 62.4843, 15.5447**.

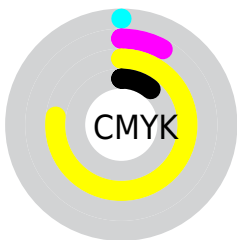
Distribution



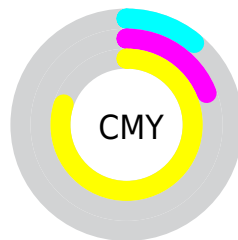
- Red (89%)
- Green (81%)
- Blue (20%)



- Red (28%)
- Yellow (89%)
- Blue (20%)



- Cyan (0%)
- Magenta (8%)
- Yellow (77%)
- Black (11%)



- Cyan (11%)
- Magenta (19%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2744, 61.0334, 12.0520 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 54.2744, 61.0334, 12.0520 by changing the saturation by 10% instead.

■ 54.2744, 61.0334,
12.0520

■ 54.2744, 61.0334,
12.0520

393.3368,
428.3965, 215.7394

■ 39.0526, 44.2521,
6.6561

■ 95.6316, 106.3273,
30.2556

■ 26.9816, 30.8688,
3.1728

■ 122.4977,
135.6087, 43.9004

■ 17.6959, 20.4989,
1.1835

■ 153.9759,
169.8256, 61.1319

■ 10.8302, 12.7582,
0.0000

■ 190.4316,
209.3624, 82.3687

■ 6.0193, 7.2623,
0.0000

■ 232.2303,
254.6035, 108.0293

■ 2.8976, 3.6267,
0.0000

279.7371,

■ 1.0998, 1.4670,

305.9333, 138.5323

0.0000

333.3175,
363.7361, 174.2961

■ 0.0250, 0.2653,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2744, 61.0334,
12.0520

■ 54.2744, 61.0334,
12.0520

■ 53.3029, 59.7036,
9.8389

■ 55.4999, 62.4843,
15.5447

■ 52.5397, 58.4695,
8.6833

■ 57.0061, 64.0599,
20.4764

■ 52.3602, 58.1614,
8.4666

■ 58.8210, 65.7739,
26.9872

■ 60.9677, 67.6357,
35.1996

■ 63.4674, 69.6536,
45.2241

■ 66.3393, 71.8355,
57.1619

■ 69.6011, 74.1886,
71.1067

■ 73.2696, 76.7195,
87.1459

■ 77.3604, 79.4347,
105.3619

Harmonies

Analogous

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



70.6253, 61.0334, 14.1219



54.2744, 61.0334, 12.0520



41.4775, 61.0334, 18.3860

Triad

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



54.2744, 61.0334, 12.0520



36.9807, 61.0334, 134.3630



90.8536, 61.0334, 106.2902

Complementary

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



54.2744, 61.0334, 12.0520



17.2831, 10.5752, 73.0813

Split Complementary

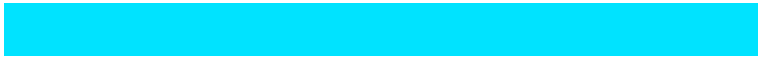
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4393, 61.0334, 162.9207



54.2744, 61.0334, 12.0520



46.9949, 61.0334, 183.6278

Square

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



54.2744, 61.0334, 12.0520



32.7416, 61.0334, 78.0040



61.9141, 61.0334, 195.9488



93.7671, 61.0334, 56.1062

Rectangle

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



54.2744, 61.0334, 12.0520



35.9940, 61.0334, 29.5284



61.9141, 61.0334, 195.9488



87.5564, 61.0334, 125.7625

Sweetspot

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



54.2758, 61.0363, 12.0532



85.0065, 92.7870, 65.8630



33.6988, 18.9972, 7.9232



17.9109, 19.6413, 12.9266



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.



54.2758, 61.0363, 12.0532



69.4394, 77.4860, 11.8623



42.0758, 61.9940, 12.8811



14.7381, 15.7621, 14.5724



29.9253, 33.2885, 4.8481



2.1111, 2.3811, 0.3483

Inverse Universe

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



17.2831, 10.5752, 73.0813



19.1821, 9.1181, 95.3567



22.3945, 11.7168, 73.0323



13.0712, 13.4815, 17.3010



8.0660, 3.6016, 41.3184



0.5999, 0.3313, 2.8776

Previews

White Background



This preview shows how the XYZ color 54.2744, 61.0334, 12.0520 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 54.2744, 61.0334, 12.0520 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 54.2744, 61.0334, 12.0520

Background



This preview shows how black text looks on a background with the XYZ color 54.2744, 61.0334, 12.0520.



This preview shows how white text looks on a background with the XYZ color 54.2744, 61.0334,

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

54.2744, 61.0334, 12.0520

Protanopia

55.0620, 60.7247, 11.9509

Deuteranopia

61.9911, 60.7846, 14.9439



Tritanopia

65.7150, 60.8711, 67.9603

Trichromacy



Original Color

54.2744, 61.0334, 12.0520

Protanomaly

54.9819, 61.0396, 12.0159

Deuteranomaly

58.7150, 60.4733, 13.7322

Tritanomaly

59.7117, 60.1150, 37.7344

Monochromacy



Original Color

54.2744, 61.0334, 12.0520

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.8349, 55.9518, 34.1071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2744, 61.0334, 12.0520 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(226, 207, 51)` looks like.

```
.text, #text, p{  
    color:rgb(226, 207, 51)  
}
```

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(226, 207, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 207, 51) }
```

Border

The CSS property to change the border of an element to XYZ 54.2744, 61.0334, 12.0520 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(226, 207, 51) }
```


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

```
.border{ border-color:rgb(226, 207, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 207, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 207, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 207, 51);  
box-shadow:4px 4px 4px 4px rgb(226, 207,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2744, 61.0334, 12.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 207, 51) }
```

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

```
.background{ background-color: rgb(226,  
207, 51) }
```

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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