

Converting Colors

XYZ(54.1621, 60.9370, 13.5716)

Have a look what the booklet for
XYZ(54.1621, 60.9370, 13.5716)
contains.

XYZ(54.2614, 60.9921, 13.6154)	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(54.2614, 60.9921,
13.6154)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CF3F
RGB	225, 207, 63
RGB Percent	88%, 81%, 25%
CMY	0.1176, 0.1882, 0.7529
CMYK	0.00, 0.08, 0.72, 0.12
HSL	53°, 73%, 56%
HSV	53°, 72%, 88%
XYZ	54.2614, 60.9921, 13.6154
YIQ	195.9660, 56.9520, -40.9680

Conversions

Conversions Part 2

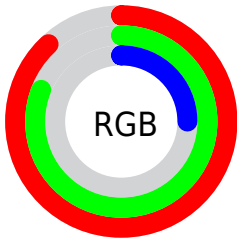
Format	Color
R _Y B	83, 225, 63
Decimal	14798655
CIE Lab	82.37, -9.25, 69.60
CIE LCh	82, 70.210, 97.567
Yxy	60.9921, 0.4211, 0.4733
Android (android.graphics.Color)	4292988735 (0xFFE1CF3F)
YUV	195.9660, -65.5522, 25.4628
Hunter-Lab	78.0974, -12.6503, 44.3317

Details

The XYZ color **54.2614, 60.9921, 13.6154** 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 **18.5831, 12.3778, 72.6435**, and the grayscale version is **52.8075, 55.5576, 60.5022**.

A 20% lighter version of the original color is **80.3902, 94.1361, 31.7024**, and **27.1171, 30.8895, 4.5330** is the 20% darker color. If you saturate the color by 10%, you get **53.1564, 59.5912, 10.7534**, and if you desaturate by 10%, it is **55.6356, 62.5206, 17.8353**.

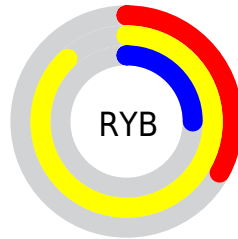
Distribution



Red (88%)

Green (81%)

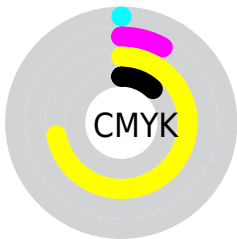
Blue (25%)



Red (33%)

Yellow (88%)

Blue (25%)

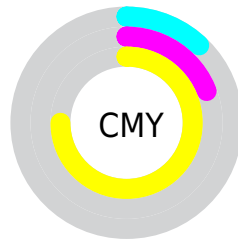


Cyan (0%)

Magenta (8%)

Yellow (72%)

Black (12%)



Cyan (12%)


Magenta (19%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2614, 60.9921, 13.6154 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 54.2614, 60.9921, 13.6154 by changing the saturation by 10% instead.


 54.2614, 60.9921,
13.6154


 54.2614, 60.9921,
13.6154

393.2881,
428.2450, 226.1695

 39.0422, 44.2188,
7.7180


 95.6126, 106.2675,
33.1123


 26.9734, 30.8426,
3.8298


 122.4753,
135.5384, 47.5488


 17.6897, 20.4790,
1.5325

 153.9498,
169.7439, 65.6688

 10.8258, 12.7437,
0.2419

 190.4016,
209.2685, 87.8908

 6.0163, 7.2523,
0.0000

 232.1960,
254.4965, 114.6333

 2.8957, 3.6204,
0.0000

279.6983,

 1.0989, 1.4636,

305.8123, 146.3149

0.0000

333.2739,
363.6004, 183.3542

■ 0.0242, 0.2629,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2614, 60.9921,
13.6154

■ 54.2614, 60.9921,
13.6154

■ 53.1564, 59.5912,
10.7534

■ 55.6356, 62.5206,
17.8353

■ 52.2827, 58.2958,
9.0691

■ 57.3028, 64.1794,
23.5564

■ 51.7073, 57.3196,
8.3385

■ 59.2886, 65.9812,
30.9080

■ 61.6149, 67.9346,
40.0044

■ 64.3014, 70.0478,
50.9494

■ 67.3663, 72.3280,
63.8391

■ 70.8267, 74.7821,
78.7626

■ 74.6984, 77.4166,
95.8036

■ 77.2586, 79.5424,
105.8890

Harmonies

Analogous

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



69.6692, 60.9921, 15.6274



54.2614, 60.9921, 13.6154



42.1272, 60.9921, 20.1428

Triad

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



54.2614, 60.9921, 13.6154



38.0104, 60.9921, 130.4484



88.8700, 60.9921, 103.1151

Complementary

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



54.2614, 60.9921, 13.6154



18.5831, 12.3778, 72.6435

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.



77.3598, 60.9921, 155.5751



54.2614, 60.9921, 13.6154



47.6619, 60.9921, 175.5270

Square

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



54.2614, 60.9921, 13.6154



33.8545, 60.9921, 77.8722



61.8463, 60.9921, 186.2982



91.4587, 60.9921, 56.1317

Rectangle

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



54.2614, 60.9921, 13.6154



36.9049, 60.9921, 31.2722



61.8463, 60.9921, 186.2982



85.8306, 60.9921, 121.1872

Sweetspot

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



54.2628, 60.9950, 13.6166



85.3414, 92.9874, 67.4224



34.3483, 20.1708, 10.0466



18.0480, 19.7347, 13.5301



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.



54.2628, 60.9950, 13.6166



70.0295, 78.3369, 13.0747



42.9065, 61.9852, 14.4063



14.7349, 15.7559, 14.5714



29.8500, 33.1379, 4.8230



2.1066, 2.3721, 0.3468

Inverse Universe

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



18.5831, 12.3778, 72.6435



20.3861, 10.8275, 95.6232



23.8408, 13.3595, 72.5559



13.0740, 13.4871, 17.3019



8.0737, 3.6170, 41.3210



0.6012, 0.3340, 2.8780

Previews

White Background



This preview shows how the XYZ color 54.2614, 60.9921, 13.6154 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 54.2614, 60.9921, 13.6154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

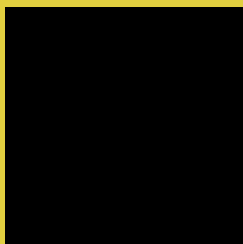
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2614, 60.9921, 13.6154

Background



This preview shows how black text looks on a background with the XYZ color 54.2614, 60.9921, 13.6154.



This preview shows how white text looks on a background with the XYZ color 54.2614, 60.9921,

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

54.2614, 60.9921, 13.6154

Protanopia

55.3617, 60.8445, 13.5289

Deuteranopia

62.0947, 60.8260, 15.4890



Tritanopia

65.3802, 60.6985, 67.9446

Trichromacy



Original Color

54.2614, 60.9921, 13.6154

Protanomaly

54.9634, 60.9955, 13.5790

Deuteranomaly

58.9013, 60.5478, 14.7134

Tritanomaly

59.7148, 60.0784, 39.4593

Monochromacy



Original Color

54.2614, 60.9921, 13.6154

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.7317, 56.7121, 36.2369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2614, 60.9921, 13.6154 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(225, 207, 63)` looks like.

```
.text, #text, p{  
    color:rgb(225, 207, 63)  
}
```

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(225, 207, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 207, 63) }
```

Border

The CSS property to change the border of an element to XYZ 54.2614, 60.9921, 13.6154 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(225, 207, 63) }
```


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

```
.border{ border-color:rgb(225, 207, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 207, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 207, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 207, 63);  
box-shadow:4px 4px 4px 4px rgb(225, 207,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2614, 60.9921, 13.6154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 207, 63) }
```

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

```
.background{ background-color: rgb(225,  
207, 63) }
```

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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