

Converting Colors

XYZ(52.4531, 68.9782, 15.0199)

Have a look what the booklet for
XYZ(52.4531, 68.9782, 15.0199)
contains.

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Color

**XYZ(52.4278, 68.9363,
14.9577)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E63D
RGB	198, 230, 61
RGB Percent	78%, 90%, 24%
CMY	0.2235, 0.0980, 0.7608
CMYK	0.14, 0.00, 0.73, 0.10
HSL	71°, 77%, 57%
HSV	71°, 73%, 90%
XYZ	52.4278, 68.9363, 14.9577
YIQ	201.1660, 35.1770, -59.3430

Conversions

Conversions Part 2

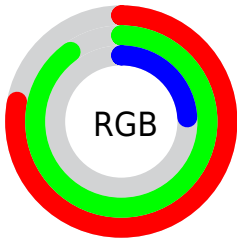
Format	Color
R_{YB}	61, 230, 93
Decimal	13035069
CIE _{Lab}	86.47, -31.63, 73.48
CIE _{LCh}	86, 80.001, 113.293
Yxy	68.9363, 0.3846, 0.5057
Android (android.graphics.Color)	4291225149 (0xFFC6E63D)
YUV	201.1660, -69.1018, -2.7766
Hunter-Lab	83.0279, -32.5853, 47.4383

Details

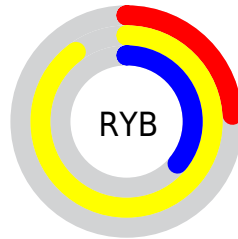
The XYZ color **52.4278, 68.9363, 14.9577** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **20.4683, 11.3795, 75.9847**, and the grayscale version is **56.0223, 58.9398, 64.1855**.

A 20% lighter version of the original color is **80.3902, 94.1361, 31.7024**, and **25.9513, 35.8476, 5.5515** is the 20% darker color. If you saturate the color by 10%, you get **50.8050, 68.1589, 12.3125**, and if you desaturate by 10%, it is **54.3523, 69.8431, 19.0054**.

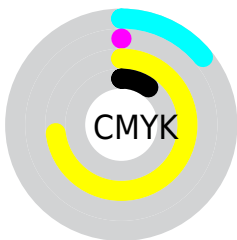
Distribution



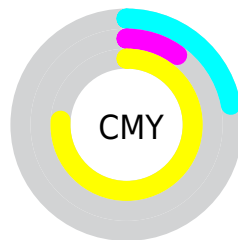
- Red (78%)
- Green (90%)
- Blue (24%)



- Red (24%)
- Yellow (90%)
- Blue (36%)



- Cyan (14%)
- Magenta (0%)
- Yellow (73%)
- Black (10%)





- Cyan (22%)
- Magenta (10%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4278, 68.9363, 14.9577 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 52.4278, 68.9363, 14.9577 by changing the saturation by 10% instead.


 52.4278, 68.9363,
14.9577


 52.4278, 68.9363,
14.9577


386.3828,
456.8063, 234.7420

 37.5718, 50.6598,
8.6434


 92.9323, 117.6906,
35.5202


 25.8262, 35.9380,
4.4157


 119.3116,
148.9372, 50.6055


 16.8257, 24.3863,
1.8561


 150.2627,
185.2760, 69.4516

 10.2048, 15.6204,
0.4646

 186.1510,
227.0913, 92.4769

 5.5983, 9.2560,
0.0000

 227.3418,
274.7676, 120.1001

 2.6407, 4.9085,
0.0000

274.2004,

 0.9667, 2.1937,

328.6893, 152.7396

0.0000

327.0923,
389.2407, 190.8141

■ 0.0000, 0.7165,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.4278, 68.9363,
14.9577

■ 52.4278, 68.9363,
14.9577

■ 50.8050, 68.1589,
12.3125

■ 54.3523, 69.8431,
19.0054

■ 49.4423, 67.4869,
10.8725

■ 56.6042, 70.8823,
24.6104

■ 48.6565, 67.0917,
10.3855

■ 59.2115, 72.0675,
31.9117

■ 62.1977, 73.4082,
41.0319

65.5843, 74.9130,
52.0822

69.3908, 76.5897,
65.1650

73.6357, 78.4457,
80.3752

78.3360, 80.4880,
97.8022

81.3414, 81.8563,
106.1204

Harmonies

Analogous

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



69.7687, 68.9363, 12.5079



52.4278, 68.9363, 14.9577



40.9232, 68.9363, 29.1211

Triad

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



52.4278, 68.9363, 14.9577



46.4620, 68.9363, 190.0689



107.6227, 68.9363, 87.6097

Complementary

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



52.4278, 68.9363, 14.9577



20.4683, 11.3795, 75.9847

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.



98.4097, 68.9363, 153.9895



52.4278, 68.9363, 14.9577



61.4510, 68.9363, 228.6916

Square

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



52.4278, 68.9363, 14.9577



37.9595, 68.9363, 123.0294



80.6326, 68.9363, 213.0629



103.9645, 68.9363, 41.5291

Rectangle

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



52.4278, 68.9363, 14.9577



36.9957, 68.9363, 49.3976



80.6326, 68.9363, 213.0629



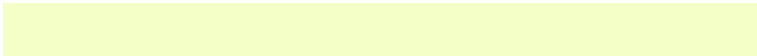
105.8791, 68.9363, 108.3537

Sweetspot

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



52.4294, 68.9394, 14.9591



83.4958, 94.9392, 67.8964



37.3037, 24.8135, 7.2392



17.6065, 20.2037, 13.6439



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.



52.4294, 68.9394, 14.9591



63.2983, 85.6885, 14.4722



36.1485, 60.5463, 14.1972



15.3200, 16.6720, 15.3150



27.6433, 38.0321, 5.8840



2.1119, 2.8461, 0.4380

Inverse Universe

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



20.4683, 11.3795, 75.9847



21.2847, 9.5995, 95.3388



33.9682, 18.3389, 76.6165



13.8363, 14.0178, 18.1208



8.7395, 3.5713, 42.6119



0.7184, 0.3013, 3.1523

Previews

White Background



This preview shows how the XYZ color 52.4278, 68.9363, 14.9577 looks on a white background.

Color Contrast Check

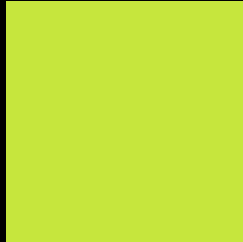
Large Text (above 18pt) WCAG AA × Fail

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 52.4278, 68.9363, 14.9577 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 52.4278, 68.9363, 14.9577

Background



This preview shows how black text looks on a background with the XYZ color 52.4278, 68.9363, 14.9577.



This preview shows how white text looks on a background with the XYZ color 52.4278, 68.9363,

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

52.4278, 68.9363, 14.9577

Protanopia

61.9375, 68.2945, 13.9207

Deuteranopia

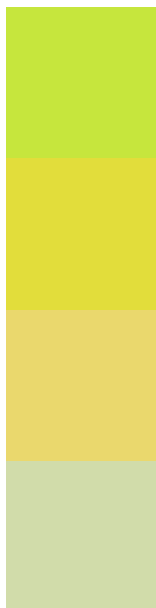
68.3112, 68.1779, 33.2262



Tritanopia

66.8903, 68.8741, 86.1125

Trichromacy



Original Color

52.4278, 68.9363, 14.9577

Protanomaly

58.0099, 68.1974, 14.2436

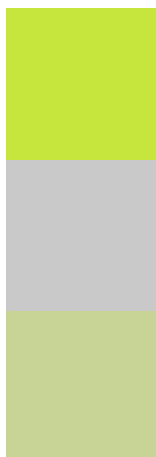
Deuteranomaly

61.2479, 67.7083, 24.3089

Tritanomaly

59.1434, 67.6440, 47.9696

Monochromacy



Original Color

52.4278, 68.9363, 14.9577

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

52.8679, 61.5683, 37.9516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4278, 68.9363, 14.9577 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(198, 230, 61)` looks like.

```
.text, #text, p{  
    color:rgb(198, 230, 61)  
}
```

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(198, 230, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 230, 61) }
```

Border

The CSS property to change the border of an element to XYZ 52.4278, 68.9363, 14.9577 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(198, 230, 61) }
```


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

```
.border{ border-color:rgb(198, 230, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 230, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 230, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 230, 61);  
box-shadow:4px 4px 4px 4px rgb(198, 230,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4278, 68.9363, 14.9577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 230, 61) }
```

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

```
.background{ background-color: rgb(198,  
230, 61) }
```

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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