

Converting Colors

XYZ(54.3974, 75.6186, 11.7331)

Have a look what the booklet for
XYZ(54.3974, 75.6186, 11.7331)
contains.

XYZ(54.2987, 75.5705, 11.7247)	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(54.2987, 75.5705,
11.7247)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F300
RGB	194, 243, 0
RGB Percent	76%, 95%, 0%
CMY	0.2392, 0.0470, 0.9999
CMYK	0.20, 0.00, 1.00, 0.05
HSL	72°, 100%, 48%
HSV	72°, 100%, 95%
XYZ	54.2987, 75.5705, 11.7247
YIQ	200.6470, 48.7990, -85.9610

Conversions

Conversions Part 2

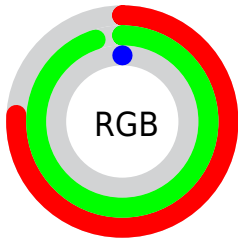
Format	Color
RYB	0, 243, 49
Decimal	12776192
CIELab	89.66, -40.55, 87.02
CIELCh	90, 96.006, 114.985
Yxy	75.5705, 0.3835, 0.5337
Android (android.graphics.Color)	4290966272 (0xFFC2F300)
YUV	200.6470, -98.9190, -5.8294
Hunter-Lab	86.9313, -40.6358, 52.8553

Details

The XYZ color **54.2987, 75.5705, 11.7247** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **17.4475, 7.1262, 85.2544**, and the grayscale version is **55.8749, 58.7847, 64.0165**.

A 20% lighter version of the original color is **78.9318, 93.5527, 24.0225**, and **27.7620, 40.6915, 6.3910** is the 20% darker color. If you saturate the color by 10%, you get **54.2984, 75.5729, 11.7252**, and if you desaturate by 10%, it is **55.7475, 76.3005, 12.6718**.

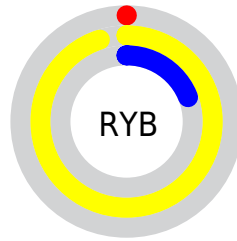
Distribution



Red (76%)

Green (95%)

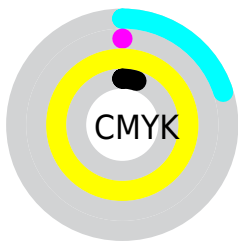
Blue (0%)



Red (0%)

Yellow (95%)

Blue (19%)

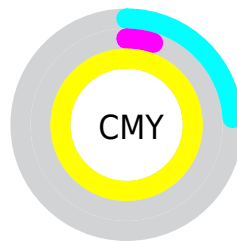


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (24%)


Magenta (5%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2987, 75.5705, 11.7247 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 54.2987, 75.5705, 11.7247 by changing the saturation by 10% instead.


 54.2987, 75.5705,
11.7247


 54.2987, 75.5705,
11.7247


393.4278,
479.8762, 213.4869

 39.0721, 56.0804,
6.4363


 95.6670, 127.1196,
29.6496

 26.9968, 40.2674,
3.0391


 122.5395,
159.9474, 43.1231


 17.7074, 27.7471,
1.1146


 154.0246,
197.9898, 60.1620

 10.8385, 18.1351,
0.0000

 190.4878,
241.6314, 81.1849

 6.0249, 11.0470,
0.0000

 232.2943,
291.2564, 106.6103

 2.9010, 6.0985,
0.0000

 279.8096,

 1.1016, 2.9050,

347.2493, 136.8567

0.0000

333.3990,
409.9944, 172.3428

■ 0.0265, 1.0824,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2987, 75.5705,
11.7247

■ 54.2987, 75.5705,
11.7247

■ 54.2984, 75.5729,
11.7252

■ 55.7475, 76.3005,
12.6718

■ 57.4466, 77.1327,
14.7260

■ 59.4634, 78.0969,
18.2325

■ 61.8374, 79.2088,
23.3970

■ 64.6016, 80.4819,
30.3923

■ 67.7851, 81.9277,
39.3693

■ 71.4141, 83.5567,
50.4633

■ 75.5123, 85.3784,
63.7979

■ 80.1016, 87.4018,
79.4871

Harmonies

Analogous

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



75.8719, 75.5705, 8.8191



54.2987, 75.5705, 11.7247



40.6782, 75.5705, 27.9350

Triad

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



54.2987, 75.5705, 11.7247



48.7890, 75.5705, 241.4325



127.2455, 75.5705, 94.1873

Complementary

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



54.2987, 75.5705, 11.7247



17.4475, 7.1262, 85.2544

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.



115.8227, 75.5705, 181.7759



54.2987, 75.5705, 11.7247



67.9295, 75.5705, 291.8186

Square

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



54.2987, 75.5705, 11.7247



38.0203, 75.5705, 150.3710



92.7730, 75.5705, 265.4977



121.3692, 75.5705, 38.6588

Rectangle

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



54.2987, 75.5705, 11.7247



36.2807, 75.5705, 52.9726



92.7730, 75.5705, 265.4977



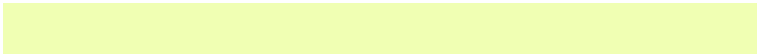
125.2401, 75.5705, 120.7972

Sweetspot

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



54.3004, 75.5739, 11.7263



79.6356, 93.2046, 56.1762



38.0472, 21.2215, 2.0919



16.6661, 19.7799, 10.8426



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.



54.3004, 75.5739, 11.7263



60.5434, 84.2963, 13.0798



34.7946, 65.5183, 10.8134



17.5681, 19.1349, 17.5650



29.9128, 41.5334, 6.4402



2.7101, 3.6921, 0.5698

Inverse Universe

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



17.4475, 7.1262, 85.2544



19.4371, 7.9351, 95.1149



32.7812, 15.0310, 85.9720



15.8933, 16.0876, 20.8101



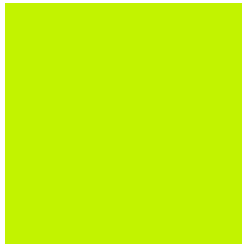
9.6616, 3.9550, 46.7922



0.9296, 0.3891, 4.1163

Previews

White Background



This preview shows how the XYZ color 54.2987, 75.5705, 11.7247 looks on a white background.

Color Contrast Check

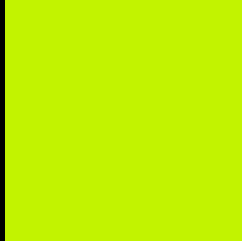
Large Text (above 18pt) WCAG AA × Fail

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 54.2987, 75.5705, 11.7247 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 54.2987, 75.5705, 11.7247

Background



This preview shows how black text looks on a background with the XYZ color 54.2987, 75.5705, 11.7247.



This preview shows how white text looks on a background with the XYZ color 54.2987, 75.5705,

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

54.2987, 75.5705, 11.7247

Protanopia

67.7983, 74.9213, 10.8879

Deuteranopia

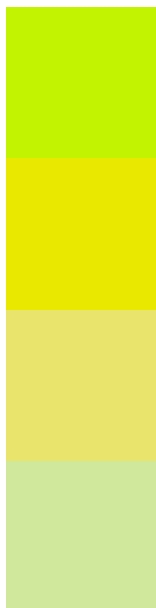
73.6394, 74.7502, 47.5928



Tritanopia

71.2570, 75.2205, 96.3513

Trichromacy



Original Color

54.2987, 75.5705, 11.7247

Protanomaly

62.1353, 74.8690, 11.1763

Deuteranomaly

64.0015, 73.8720, 24.7954

Tritanomaly

60.5051, 73.3452, 41.9784

Monochromacy



Original Color

54.2987, 75.5705, 11.7247

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

51.7409, 62.6760, 29.7927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2987, 75.5705, 11.7247 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(194, 243, 0)` looks like.

```
.text, #text, p{  
    color:rgb(194, 243, 0)  
}
```

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(194, 243, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 243, 0) }
```

Border

The CSS property to change the border of an element to XYZ 54.2987, 75.5705, 11.7247 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(194, 243, 0) }
```


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

```
.border{ border-color:rgb(194, 243, 0) }
```

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

Here you see how a box with a 4 pixel rgb(194, 243, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 243, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 243, 0);  
box-shadow:4px 4px 4px 4px rgb(194, 243,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2987, 75.5705, 11.7247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 243, 0) }
```

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

```
.background{ background-color: rgb(194,  
243, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor