

Converting Colors

XYZ(54.5918, 81.2103, 13.6088)

Have a look what the booklet for
XYZ(54.5918, 81.2103, 13.6088)
contains.

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Color

**XYZ(54.5051, 81.1656,
13.6044)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FF17
RGB	179, 255, 23
RGB Percent	70%, 100%, 9%
CMY	0.2980, 0.0000, 0.9097
CMYK	0.30, 0.00, 0.91, 0.00
HSL	80°, 100%, 55%
HSV	80°, 91%, 100%
XYZ	54.5051, 81.1656, 13.6044
YIQ	205.8280, 29.1760, -88.2640

Conversions

Conversions Part 2

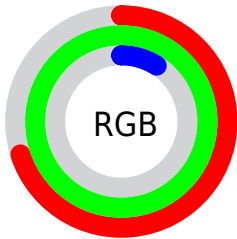
Format	Color
R _Y B	23, 255, 99
Decimal	11796247
CIE Lab	92.21, -51.00, 86.58
CIE LCh	92, 100.480, 120.501
Yxy	81.1656, 0.3651, 0.5437
Android (android.graphics.Color)	4289986327 (0xFFB3FF17)
YUV	205.8280, -90.1342, -23.5282
Hunter-Lab	90.0920, -49.6695, 54.1112

Details

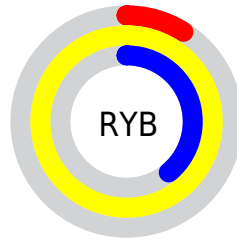
The XYZ color **54.5051, 81.1656, 13.6044** is a light color, and the websafe version is hex **99FF00**. The color can be described as light washed chartreuse. A complement of this color would be **23.5048, 10.4875, 95.3932**, and the grayscale version is **59.1030, 62.1809, 67.7151**.

A 20% lighter version of the original color is **73.9954, 90.9654, 25.7147**, and **27.8018, 44.3101, 7.0874** is the 20% darker color. If you saturate the color by 10%, you get **52.6544, 80.2294, 12.7106**, and if you desaturate by 10%, it is **56.8845, 82.3472, 15.7495**.

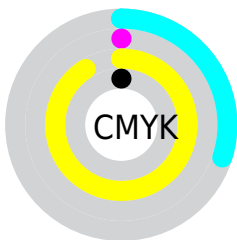
Distribution



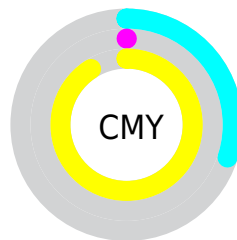
- Red (70%)
- Green (100%)
- Blue (9%)



- Red (9%)
- Yellow (100%)
- Blue (39%)



- Cyan (30%)
- Magenta (0%)
- Yellow (91%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5051, 81.1656, 13.6044 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 54.5051, 81.1656, 13.6044 by changing the saturation by 10% instead.


 54.5051, 81.1656,
13.6044


 54.5051, 81.1656,
13.6044


394.2002,
498.8524, 226.0979

 39.2379, 60.6780,
7.7104


 95.9680, 135.0033,
33.0924

 27.1264, 43.9653,
3.8251


 122.8945,
169.1221, 47.5235


 17.8053, 30.6433,
1.5299


 154.4380,
208.5535, 65.6374

 10.9091, 20.3274,
0.2401

 190.9641,
253.6818, 87.8527

 6.0726, 12.6332,
0.0000

 232.8380,
304.8915, 114.5878

 2.9303, 7.1765,
0.0000

 280.4250,

 1.1170, 3.5727,

362.5669, 146.2614

0.0000

334.0907,
427.0924, 183.2919

■ 0.0393, 1.4375,
0.0000

■ 0.0000, 0.2441,
0.0000

■ 54.5051, 81.1656,
13.6044

■ 54.5051, 81.1656,
13.6044

■ 52.6544, 80.2294,
12.7106

■ 56.8845, 82.3472,
15.7495

■ 59.6858, 83.7114,
19.4945

■ 62.9561, 85.2770,
25.0775

■ 66.7347, 87.0603,
32.6962

71.0562, 89.0751,
42.5229

75.9516, 91.3340,
54.7116

81.4494, 93.8488,
69.4023

87.5758, 96.6300,
86.7243

94.3553, 99.6877,
106.7979

Harmonies

Analogous

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



76.7101, 81.1656, 8.6825



54.5051, 81.1656, 13.6044



41.3777, 81.1656, 35.0615

Triad

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



54.5051, 81.1656, 13.6044



55.1066, 81.1656, 280.0239



138.5156, 81.1656, 87.1323

Complementary

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



54.5051, 81.1656, 13.6044



23.5048, 10.4875, 95.3932

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.



129.1876, 81.1656, 178.9844



54.5051, 81.1656, 13.6044



77.5824, 81.1656, 321.8731

Square

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



54.5051, 81.1656, 13.6044



41.6663, 81.1656, 182.4700



105.3202, 81.1656, 277.3379



128.5735, 81.1656, 33.9063

Rectangle

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



54.5051, 81.1656, 13.6044



37.6782, 81.1656, 66.8430



105.3202, 81.1656, 277.3379



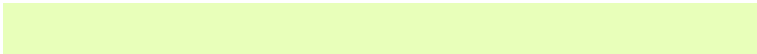
137.5109, 81.1656, 114.0971

Sweetspot

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



54.5052, 81.1656, 13.6055



78.0617, 92.3017, 60.2397



45.6218, 29.7758, 4.1545



16.3189, 19.5778, 11.8715



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.



54.5052, 81.1656, 13.6055



52.6544, 80.2294, 12.7106



38.1315, 72.7247, 12.8393



18.9489, 20.7751, 19.1556



27.6769, 42.0061, 6.6493



2.8099, 4.1493, 0.6528

Inverse Universe

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



23.5048, 10.4875, 95.3932



21.6654, 9.0838, 95.2192



45.6441, 21.9007, 96.4293



17.5635, 17.6667, 22.7343



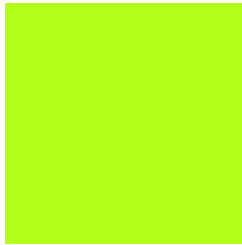
11.4596, 4.8181, 49.7606



1.2252, 0.5255, 4.8501

Previews

White Background



This preview shows how the XYZ color 54.5051, 81.1656, 13.6044 looks on a white background.

Color Contrast Check

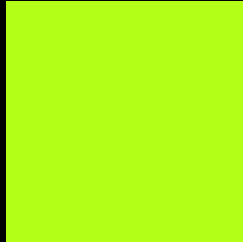
Large Text (above 18pt) WCAG AA × Fail

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 54.5051, 81.1656, 13.6044 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 54.5051, 81.1656, 13.6044

Background



This preview shows how black text looks on a background with the XYZ color 54.5051, 81.1656, 13.6044.

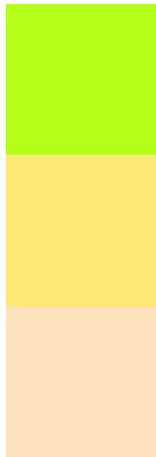


This preview shows how white text looks on a background with the XYZ color 54.5051, 81.1656,

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

54.5051, 81.1656, 13.6044

Protanopia

73.3075, 80.2576, 28.4572

Deuteranopia

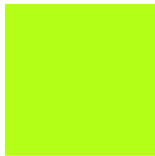
78.1131, 79.9598, 60.6070



Tritanopia

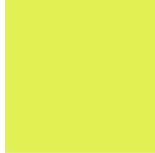
73.5110, 80.7675, 106.3230

Trichromacy



Original Color

54.5051, 81.1656, 13.6044



Protanomaly

64.4000, 79.2756, 20.0911



Deuteranomaly

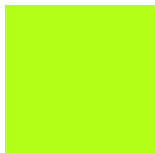
65.9920, 78.5110, 32.7951



Tritanomaly

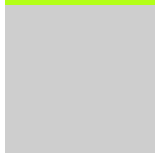
62.4663, 79.3774, 50.5571

Monochromacy



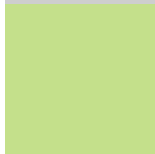
Original Color

54.5051, 81.1656, 13.6044



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

54.0808, 66.9112, 34.4909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5051, 81.1656, 13.6044 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(179, 255, 23)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 23)  
}
```

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(179, 255, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 23) }
```

Border

The CSS property to change the border of an element to XYZ 54.5051, 81.1656, 13.6044 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(179, 255, 23) }
```


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

```
.border{ border-color:rgb(179, 255, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 255, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 23);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5051, 81.1656, 13.6044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 23) }
```

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

```
.background{ background-color: rgb(179,  
255, 23) }
```

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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