

Converting Colors

XYZ(54.3796, 76.5388, 24.4607)

Have a look what the booklet for
XYZ(54.3796, 76.5388, 24.4607)
contains.

XYZ(54.4101, 76.6946, 24.5062)	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(54.4101, 76.6946,
24.5062)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F666
RGB	181, 246, 102
RGB Percent	71%, 96%, 40%
CMY	0.2902, 0.0353, 0.6000
CMYK	0.26, 0.00, 0.59, 0.04
HSL	87°, 89%, 68%
HSV	87°, 59%, 96%
XYZ	54.4101, 76.6946, 24.5062
YIQ	210.1490, 7.4840, -58.5640

Conversions

Conversions Part 2

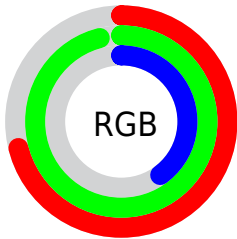
Format	Color
RYB	102, 246, 167
Decimal	11925094
CIELab	90.18, -42.51, 61.41
CIElCh	90, 74.694, 124.693
Yxy	76.6946, 0.3497, 0.4929
Android (android.graphics.Color)	4290115174 (0xFFB5F666)
YUV	210.1490, -53.3175, -25.5637
Hunter-Lab	87.5755, -42.3561, 44.7117

Details

The XYZ color **54.4101, 76.6946, 24.5062** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **37.3256, 24.3743, 89.9306**, and the grayscale version is **61.6942, 64.9071, 70.6838**.

A 20% lighter version of the original color is **77.7810, 92.4796, 45.6491**, and **26.9834, 40.8697, 8.9491** is the 20% darker color. If you saturate the color by 10%, you get **50.8661, 74.9907, 18.8899**, and if you desaturate by 10%, it is **58.5273, 78.6570, 32.0415**.

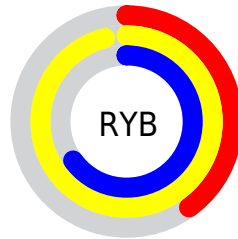
Distribution



Red (71%)

Green (96%)

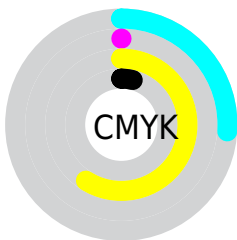
Blue (40%)



Red (40%)

Yellow (96%)

Blue (65%)

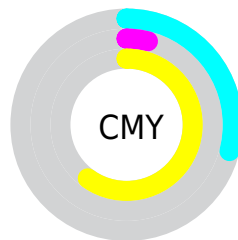


Cyan (26%)

Magenta (0%)

Yellow (59%)

Black (4%)



Cyan (29%)


Magenta (4%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4101, 76.6946, 24.5062 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 54.4101, 76.6946, 24.5062 by changing the saturation by 10% instead.


 54.4101, 76.6946,
24.5062


 54.4101, 76.6946,
24.5062


393.8448,
483.7221, 288.7383


 39.1616, 57.0023,
15.4939


 95.8295, 128.7083,
51.8091


 27.0668, 41.0071,
9.0163


 122.7311,
161.7984, 70.9368

 17.7602, 28.3246,
4.6548


 154.2478,
200.1233, 94.2734

 10.8766, 18.5705,
1.9910

 190.7449,
244.0672, 122.2374

 6.0506, 11.3603,
0.5498

232.5878,
294.0147, 155.2473

 2.9168, 6.3098,
0.0000

280.1418,

 1.1099, 3.0343,

350.3501, 193.7218

0.0000

333.7724,
413.4578, 238.0793

0.0334, 1.1497,
0.0000

0.0000, 0.0200,
0.0000

54.4101, 76.6946,
24.5062

54.4101, 76.6946,
24.5062

50.8661, 74.9907,
18.8899

58.5273, 78.6570,
32.0415

47.8518, 73.5195,
15.0131


63.2460, 80.8819,
41.6440


45.3251, 72.2661,
12.6712


68.5985, 83.3854,
53.4531

43.2248, 71.2056,
11.5693

74.6131, 86.1793,
67.5947

 42.9415, 71.0618,
11.4531

 81.3160, 89.2745,
84.1850

 88.7321, 92.6815,
103.3328

 92.2474, 94.3948,
107.9658

Harmonies

Analogous

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



70.0144, 76.6946, 17.4455



54.4101, 76.6946, 24.5062



45.1569, 76.6946, 46.9919

Triad

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



54.4101, 76.6946, 24.5062



58.6792, 76.6946, 214.1872



114.5661, 76.6946, 75.4198

Complementary

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



54.4101, 76.6946, 24.5062



37.3256, 24.3743, 89.9306

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.



110.1558, 76.6946, 135.2634



54.4101, 76.6946, 24.5062



75.8554, 76.6946, 232.4191

Square

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



54.4101, 76.6946, 24.5062



47.3125, 76.6946, 156.2433



95.1559, 76.6946, 198.8949



106.3547, 76.6946, 37.7934

Rectangle

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



54.4101, 76.6946, 24.5062



42.8206, 76.6946, 74.4064



95.1559, 76.6946, 198.8949



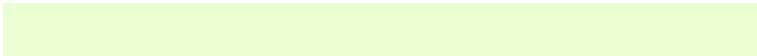
114.5211, 76.6946, 93.3218

Sweetspot

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



54.4119, 76.6980, 24.5079



81.3046, 93.6682, 74.1811



54.1894, 48.1192, 19.0033



16.9767, 19.8515, 14.8545



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.



54.4119, 76.6980, 24.5079



54.6314, 81.0959, 19.7027



41.6877, 70.1384, 23.9124



17.1512, 18.9200, 17.5455



23.0833, 38.0127, 6.1206



2.1471, 3.4019, 0.5435

Inverse Universe

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



37.3256, 24.3743, 89.9306



34.5891, 19.6341, 96.5745



56.9181, 34.4746, 90.8475



16.2916, 16.2930, 20.8288



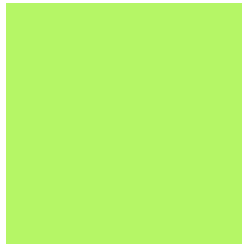
12.5380, 5.4379, 46.9268



1.2186, 0.5381, 4.1299

Previews

White Background



This preview shows how the XYZ color 54.4101, 76.6946, 24.5062 looks on a white background.

Color Contrast Check

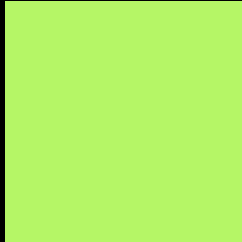
Large Text (above 18pt) WCAG AA × Fail

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 54.4101, 76.6946, 24.5062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

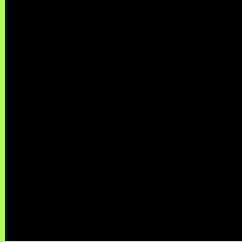
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

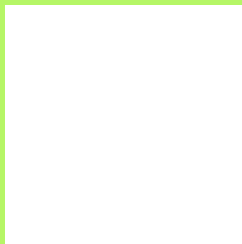
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4101, 76.6946, 24.5062

Background



This preview shows how black text looks on a background with the XYZ color 54.4101, 76.6946, 24.5062.

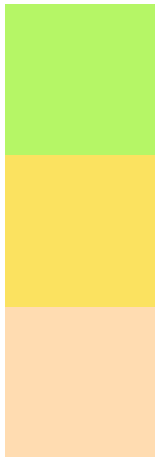


This preview shows how white text looks on a background with the XYZ color 54.4101, 76.6946,

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

54.4101, 76.6946, 24.5062

Protanopia

69.0913, 75.7465, 22.0454

Deuteranopia

74.7690, 75.6207, 52.2505



Tritanopia

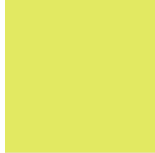
69.7622, 76.4089, 100.6941

Trichromacy



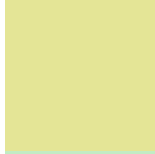
Original Color

54.4101, 76.6946, 24.5062



Protanomaly

62.7075, 75.3284, 22.7901



Deuteranomaly

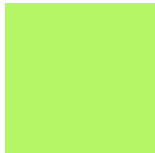
65.5192, 74.7346, 39.8262



Tritanomaly

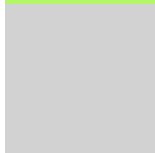
62.2074, 75.4458, 63.5084

Monochromacy



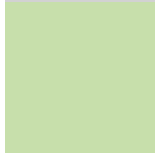
Original Color

54.4101, 76.6946, 24.5062



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.2916, 67.8577, 48.6063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4101, 76.6946, 24.5062 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(181, 246, 102)` looks like.

```
.text, #text, p{  
    color:rgb(181, 246, 102)  
}
```

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(181, 246, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 246, 102) }
```

Border

The CSS property to change the border of an element to XYZ 54.4101, 76.6946, 24.5062 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(181, 246, 102) }
```


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

```
.border{ border-color:rgb(181, 246, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 246, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 246, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 246, 102);  
box-shadow:4px 4px 4px 4px rgb(181, 246,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4101, 76.6946, 24.5062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 246, 102) }
```

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

```
.background{ background-color: rgb(181,  
246, 102) }
```

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