

Converting Colors

XYZ(59.4604, 82.0430, 26.0613)

Have a look what the booklet for
XYZ(59.4604, 82.0430, 26.0613)
contains.

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Color

**XYZ(59.3525, 81.9782,
26.0598)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FC69
RGB	193, 252, 105
RGB Percent	76%, 99%, 41%
CMY	0.2431, 0.0117, 0.5882
CMYK	0.23, 0.00, 0.58, 0.01
HSL	84°, 96%, 70%
HSV	84°, 58%, 99%
XYZ	59.3525, 81.9782, 26.0598
YIQ	217.6010, 12.0230, -58.2250

Conversions

Conversions Part 2

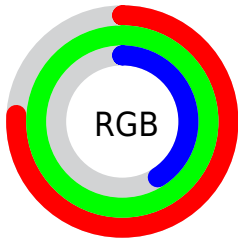
Format	Color
RYB	105, 252, 164
Decimal	12713065
CIELab	92.57, -40.58, 63.01
CIELCh	93, 74.946, 122.787
Yxy	81.9782, 0.3546, 0.4897
Android (android.graphics.Color)	4290903145 (0xFFC1FC69)
YUV	217.6010, -55.5123, -21.5751
Hunter-Lab	90.5418, -41.4368, 46.3144

Details

The XYZ color **59.3525, 81.9782, 26.0598** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **37.9356, 25.0263, 94.9313**, and the grayscale version is **66.7320, 70.2072, 76.4557**.

A 20% lighter version of the original color is **82.3379, 94.7887, 47.6746**, and **30.2020, 44.4779, 9.7896** is the 20% darker color. If you saturate the color by 10%, you get **55.7538, 80.2538, 20.1035**, and if you desaturate by 10%, it is **63.5152, 83.9543, 34.0485**.

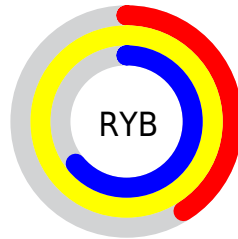
Distribution



Red (76%)

Green (99%)

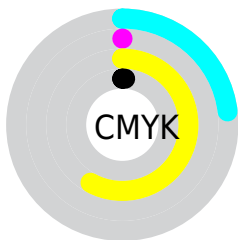
Blue (41%)



Red (41%)

Yellow (99%)

Blue (64%)

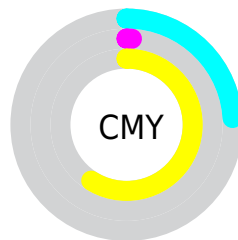


Cyan (23%)

Magenta (0%)

Yellow (58%)

Black (1%)



Cyan (24%)


Magenta (1%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3525, 81.9782, 26.0598 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 59.3525, 81.9782, 26.0598 by changing the saturation by 10% instead.


 59.3525, 81.9782,
26.0598

 59.3525, 81.9782,
26.0598


412.0801,
501.5748, 296.6903

 43.1444, 61.3476,
16.6422


 103.0015,
136.1434, 54.3567


 30.1934, 44.5057,
9.8205


 131.1731,
170.4468, 74.0730

 20.1343, 31.0683,
5.1760


 164.0633,
210.0766, 98.0594

 12.6015, 20.6509,
2.2904

 202.0374,
255.4171, 126.7343

 7.2298, 12.8690,
0.7258

245.4608,
306.8528, 160.5163

 3.6538, 7.3384,
0.0000

294.6988,

 1.5082, 3.6746,

364.7680, 199.8240

0.0000

350.1168,
429.5472, 245.0758

■ 0.3314, 1.4933,
0.0000

■ 0.0000, 0.2840,
0.0000

■ 59.3525, 81.9782,
26.0598

■ 59.3525, 81.9782,
26.0598

■ 55.7538, 80.2538,
20.1035

■ 63.5152, 83.9543,
34.0485

■ 52.6748, 78.7543,
15.9896

■ 68.2702, 86.1852,
44.2264


■ 50.0723, 77.4651,
13.5019

■ 73.6505, 88.6874,
56.7411


■ 47.8850, 76.3610,
12.3360

■ 79.6845, 91.4727,
71.7257

 47.5471, 76.1895,
12.2000

 86.3986, 94.5518,
89.3033

 93.6228, 97.8572,
108.5616

 94.1022, 98.1044,
108.5841

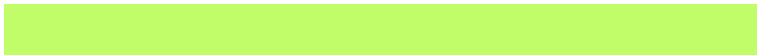
Harmonies

Analogous

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



76.1119, 81.9782, 19.2881



59.3525, 81.9782, 26.0598



49.1414, 81.9782, 48.6589

Triad

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



59.3525, 81.9782, 26.0598



62.0208, 81.9782, 222.5907



121.6114, 81.9782, 84.1487

Complementary

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



59.3525, 81.9782, 26.0598



37.9356, 25.0263, 94.9313

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.



116.1781, 81.9782, 147.8171



59.3525, 81.9782, 26.0598



79.7521, 81.9782, 244.8876

Square

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



59.3525, 81.9782, 26.0598



50.4921, 81.9782, 160.8178



99.9995, 81.9782, 213.1423



113.8189, 81.9782, 42.8794

Rectangle

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



59.3525, 81.9782, 26.0598



46.3656, 81.9782, 76.4630



99.9995, 81.9782, 213.1423



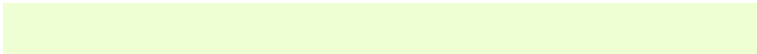
121.2726, 81.9782, 103.4113

Sweetspot

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



59.3545, 81.9818, 26.0616



82.7251, 94.3637, 75.9101



55.9376, 48.1977, 19.7206



17.4241, 20.0678, 15.5255



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.



59.3545, 81.9818, 26.0616



56.6939, 82.1591, 19.7992



45.0670, 74.6164, 25.3929



18.0140, 19.8230, 18.3392



24.9375, 39.7741, 6.3628



2.4293, 3.7455, 0.5949

Inverse Universe

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



37.9356, 25.0263, 94.9313



32.9089, 18.7679, 96.4958



57.6508, 35.1899, 95.8540



16.9425, 16.9830, 21.7704



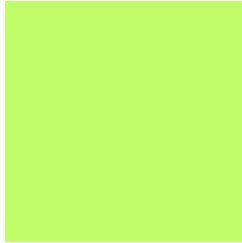
12.1129, 5.1871, 48.3363



1.2380, 0.5403, 4.4822

Previews

White Background



This preview shows how the XYZ color 59.3525, 81.9782, 26.0598 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 59.3525, 81.9782, 26.0598 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 59.3525, 81.9782, 26.0598

Background



This preview shows how black text looks on a background with the XYZ color 59.3525, 81.9782, 26.0598.

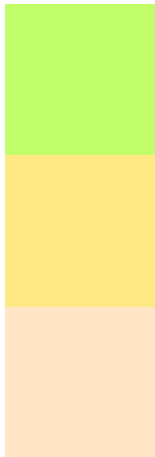


This preview shows how white text looks on a background with the XYZ color 59.3525, 81.9782,

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

59.3525, 81.9782, 26.0598

Protanopia

74.5438, 81.2038, 33.5748

Deuteranopia

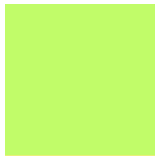
79.4524, 81.3758, 64.9456



Tritanopia

75.4860, 81.3570, 106.3327

Trichromacy



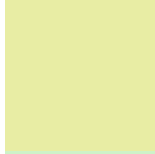
Original Color

59.3525, 81.9782, 26.0598



Protanomaly

67.9517, 80.8811, 30.4425



Deuteranomaly

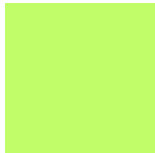
70.2637, 80.4045, 46.9383



Tritanomaly

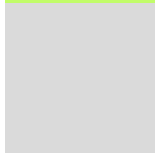
67.6311, 80.7962, 66.6743

Monochromacy



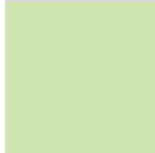
Original Color

59.3525, 81.9782, 26.0598



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.5271, 73.3233, 52.4522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3525, 81.9782, 26.0598 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(193, 252, 105)` looks like.

```
.text, #text, p{  
    color:rgb(193, 252, 105)  
}
```

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(193, 252, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 252, 105) }
```

Border

The CSS property to change the border of an element to XYZ 59.3525, 81.9782, 26.0598 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(193, 252, 105) }
```


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

```
.border{ border-color:rgb(193, 252, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 252, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 252, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 252, 105);  
box-shadow:4px 4px 4px 4px rgb(193, 252,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3525, 81.9782, 26.0598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 252, 105) }
```

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

```
.background{ background-color: rgb(193,  
252, 105) }
```

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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