

Converting Colors

XYZ(56.3927, 81.9932, 20.2634)

Have a look what the booklet for
XYZ(56.3927, 81.9932, 20.2634)
contains.

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Color

**XYZ(56.4627, 82.0296,
20.2545)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FF4F
RGB	182, 255, 79
RGB Percent	71%, 100%, 31%
CMY	0.2863, 0.0000, 0.6902
CMYK	0.29, 0.00, 0.69, 0.00
HSL	85°, 100%, 65%
HSV	85°, 69%, 100%
XYZ	56.4627, 82.0296, 20.2545
YIQ	213.1090, 12.9880, -70.2120

Conversions

Conversions Part 2

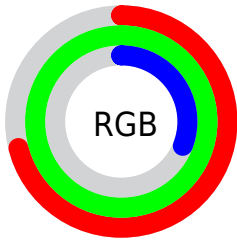
Format	Color
RYB	79, 255, 152
Decimal	11992911
CIELab	92.59, -47.73, 73.05
CIELCh	93, 87.264, 123.162
Yxy	82.0296, 0.3557, 0.5167
Android (android.graphics.Color)	4290182991 (0xFFB6FF4F)
YUV	213.1090, -66.1157, -27.2826
Hunter-Lab	90.5702, -47.2185, 50.1399

Details

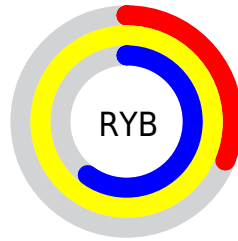
The XYZ color **56.4627, 82.0296, 20.2545** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **33.7965, 19.4888, 96.5882**, and the grayscale version is **63.7413, 67.0609, 73.0293**.

A 20% lighter version of the original color is **76.8933, 92.2034, 37.4112**, and **28.5063, 44.6733, 7.1204** is the 20% darker color. If you saturate the color by 10%, you get **53.3011, 80.4872, 16.1558**, and if you desaturate by 10%, it is **60.1691, 83.8117, 26.2379**.

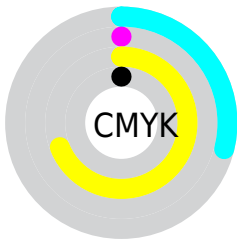
Distribution



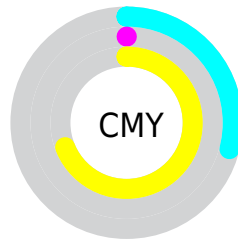
- Red (71%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (60%)



- Cyan (29%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4627, 82.0296, 20.2545 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 56.4627, 82.0296, 20.2545 by changing the saturation by 10% instead.


 56.4627, 82.0296,
20.2545


 56.4627, 82.0296,
20.2545


401.4797,
501.7467, 265.9392

 40.8125, 61.3899,
12.3943


 98.8167, 136.2155,
44.7080


 28.3596, 44.5399,
6.8870


 126.2511,
170.5305, 62.1384

 18.7387, 31.0952,
3.3142


 158.3443,
210.1728, 83.5959

 11.5845, 20.6714,
1.2572

 195.4617,
255.5267, 109.4991

 6.5316, 12.8840,
0.0263

237.9686,
306.9767, 140.2664

 3.2147, 7.3487,
0.0000

286.2303,

 1.2683, 3.6811,

364.9071, 176.3166

0.0000

340.6122,
429.7023, 218.0680

0.1593, 1.4968,
0.0000

0.0000, 0.2865,
0.0000

56.4627, 82.0296,
20.2545

56.4627, 82.0296,
20.2545

53.3011, 80.4872,
16.1558

60.1691, 83.8117,
26.2379

50.6365, 79.1649,
13.7105

64.4602, 85.8500,
34.2945

48.4009, 78.0350,
12.5832

69.3721, 88.1593,
44.5937

48.1963, 77.9311,
12.5020

74.9372, 90.7530,
57.2867

■ 81.1852, 93.6435,
72.5114

■ 88.1440, 96.8423,
90.3951

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



75.5861, 82.0296, 13.6471



56.4627, 82.0296, 20.2545



45.1698, 82.0296, 43.9642

Triad

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



56.4627, 82.0296, 20.2545



59.8894, 82.0296, 253.5265



130.1173, 82.0296, 82.6035

Complementary

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



56.4627, 82.0296, 20.2545



33.7965, 19.4888, 96.5882

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.



123.7099, 82.0296, 158.3987



56.4627, 82.0296, 20.2545



80.3967, 82.0296, 281.0550

Square

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



56.4627, 82.0296, 20.2545



46.8620, 82.0296, 176.5304



104.3361, 82.0296, 239.9661



120.4666, 82.0296, 36.9378

Rectangle

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



56.4627, 82.0296, 20.2545



42.1890, 82.0296, 75.2559



104.3361, 82.0296, 239.9661



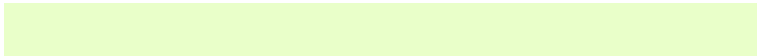
129.7745, 82.0296, 105.0272

Sweetspot

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



56.4628, 82.0297, 20.2557



79.8908, 93.0463, 69.2853



53.4629, 43.4474, 12.9667



16.7239, 19.7420, 13.9052



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.



56.4628, 82.0297, 20.2557



52.1833, 79.9354, 14.9980



42.0593, 74.6044, 19.5816



18.7903, 20.6933, 19.1482



25.3575, 40.8104, 6.5407



2.5934, 4.0377, 0.6427

Inverse Universe

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



33.7965, 19.4888, 96.5882



28.3084, 13.8098, 95.7813



55.9054, 30.8864, 97.6229



17.7168, 17.7457, 22.7414



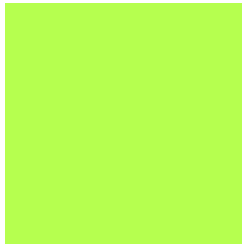
12.6833, 5.4490, 49.8179



1.3557, 0.5928, 4.8562

Previews

White Background



This preview shows how the XYZ color 56.4627, 82.0296, 20.2545 looks on a white background.

Color Contrast Check

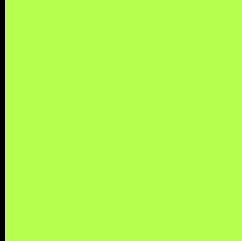
Large Text (above 18pt) WCAG AA × Fail

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 56.4627, 82.0296, 20.2545 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 56.4627, 82.0296, 20.2545

Background



This preview shows how black text looks on a background with the XYZ color 56.4627, 82.0296, 20.2545.

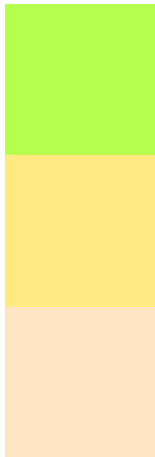


This preview shows how white text looks on a background with the XYZ color 56.4627, 82.0296,

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

56.4627, 82.0296, 20.2545

Protanopia

74.3414, 81.1228, 32.5089

Deuteranopia

79.2231, 81.2841, 63.7385



Tritanopia

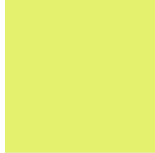
74.3567, 81.6345, 106.4458

Trichromacy



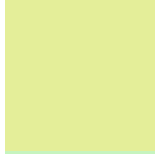
Original Color

56.4627, 82.0296, 20.2545



Protanomaly

66.3194, 80.5523, 27.0917



Deuteranomaly

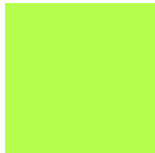
68.3192, 79.9430, 41.9667



Tritanomaly

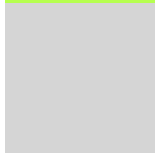
65.0434, 80.4687, 61.3941

Monochromacy



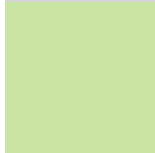
Original Color

56.4627, 82.0296, 20.2545



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

58.8014, 70.7237, 45.6738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4627, 82.0296, 20.2545 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(182, 255, 79)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 79)  
}
```

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(182, 255, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 79) }
```

Border

The CSS property to change the border of an element to XYZ 56.4627, 82.0296, 20.2545 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(182, 255, 79) }
```


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

```
.border{ border-color:rgb(182, 255, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 79);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4627, 82.0296, 20.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 79) }
```

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

```
.background{ background-color: rgb(182,  
255, 79) }
```

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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