

Converting Colors

XYZ(57.6489, 82.5123, 26.1317)

Have a look what the booklet for
XYZ(57.6489, 82.5123, 26.1317)
contains.

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Color

**XYZ(57.6012, 82.4850,
26.2499)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FF69
RGB	182, 255, 105
RGB Percent	71%, 100%, 41%
CMY	0.2863, 0.0000, 0.5882
CMYK	0.29, 0.00, 0.59, 0.00
HSL	89°, 100%, 71%
HSV	89°, 59%, 100%
XYZ	57.6012, 82.4850, 26.2499
YIQ	216.0730, 4.6420, -62.1260

Conversions

Conversions Part 2

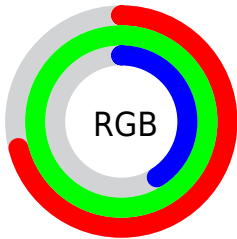
Format	Color
RYB	105, 255, 178
Decimal	11992937
CIELab	92.79, -45.79, 63.09
CIELCh	93, 77.957, 125.973
Yxy	82.4850, 0.3463, 0.4959
Android (android.graphics.Color)	4290183017 (0xFFB6FF69)
YUV	216.0730, -54.7590, -29.8820
Hunter-Lab	90.8213, -45.7279, 46.4384

Details

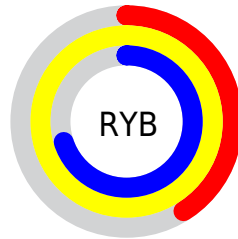
The XYZ color **57.6012, 82.4850, 26.2499** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **41.4632, 26.7896, 97.5933**, and the grayscale version is **65.6791, 69.0995, 75.2494**.

A 20% lighter version of the original color is **78.4687, 92.7940, 47.4935**, and **29.1850, 44.9615, 9.9365** is the 20% darker color. If you saturate the color by 10%, you get **53.6787, 80.5923, 20.2205**, and if you desaturate by 10%, it is **62.1768, 84.6690, 34.3627**.

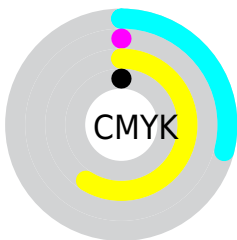
Distribution



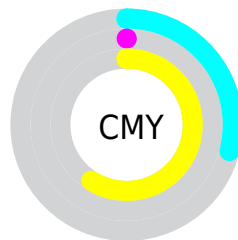
- Red (71%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (70%)



- Cyan (29%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6012, 82.4850, 26.2499 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 57.6012, 82.4850, 26.2499 by changing the saturation by 10% instead.


 57.6012, 82.4850,
26.2499


 57.6012, 82.4850,
26.2499


405.6761,
503.2686, 297.6511

 41.7301, 61.7654,
16.7832


 100.4682,
136.8539, 54.6668


 29.0802, 44.8432,
9.9198


 128.1948,
171.2720, 74.4542

 19.2861, 31.3339,
5.2409


 160.6040,
211.0251, 98.5189

 11.9824, 20.8532,
2.3281

 198.0612,
256.4975, 127.2795

 6.8038, 13.0168,
0.7469

240.9316,
308.0737, 161.1544

 3.3850, 7.4401,
0.0000

289.5807,

 1.3605, 3.7388,

366.1380, 200.5623

0.0000

344.3737,
431.0748, 245.9217

■ 0.2278, 1.5286,
0.0000

■ 0.0000, 0.3087,
0.0000

■ 57.6012, 82.4850,
26.2499

■ 57.6012, 82.4850,
26.2499

■ 53.6787, 80.5923,
20.2205

■ 62.1768, 84.6690,
34.3627

■ 50.3656, 78.9725,
16.0793


■ 67.4432, 87.1600,
44.7234


■ 47.6120, 77.6050,
13.6004

■ 73.4353, 89.9729,
57.4840

■ 45.3483, 76.4611,
12.4546

■ 80.1855, 93.1211,
72.7823

 45.1040, 76.3370,
12.3573

 87.7235, 96.6173,
90.7456

95.0500, 100.0000,
108.9000

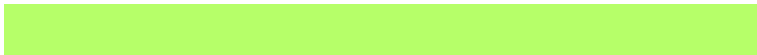
Harmonies

Analogous

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



74.4008, 82.4850, 18.1315



57.6012, 82.4850, 26.2499



47.8344, 82.4850, 51.4965

Triad

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



57.6012, 82.4850, 26.2499



63.5319, 82.4850, 235.8328



124.0735, 82.4850, 78.6564

Complementary

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



57.6012, 82.4850, 26.2499



41.4632, 26.7896, 97.5933

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.



119.8104, 82.4850, 143.5605



57.6012, 82.4850, 26.2499



82.5390, 82.4850, 253.5712

Square

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



57.6012, 82.4850, 26.2499



50.8214, 82.4850, 172.9576



103.6838, 82.4850, 214.3423



114.4929, 82.4850, 38.7850

Rectangle

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



57.6012, 82.4850, 26.2499



45.5054, 82.4850, 82.1747



103.6838, 82.4850, 214.3423



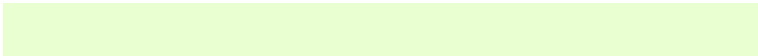
124.2307, 82.4850, 97.9088

Sweetspot

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



57.6014, 82.4851, 26.2511



80.7748, 93.3951, 74.1563



59.6116, 53.9231, 20.6321



16.8476, 19.7850, 14.8484



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.



57.6014, 82.4851, 26.2511



52.9067, 80.2168, 19.1647



44.4343, 75.6972, 25.6349



18.6608, 20.6266, 19.1421



23.7410, 39.9770, 6.4651



2.4377, 3.9575, 0.6354

Inverse Universe

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



41.4632, 26.7896, 97.5933



35.4087, 19.7989, 96.5631



63.4283, 38.1130, 98.6212



17.8446, 17.8116, 22.7474



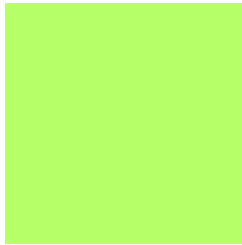
13.9536, 6.1038, 49.8773



1.4842, 0.6590, 4.8623

Previews

White Background



This preview shows how the XYZ color 57.6012, 82.4850, 26.2499 looks on a white background.

Color Contrast Check

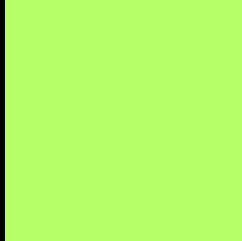
Large Text (above 18pt) WCAG AA × Fail

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 57.6012, 82.4850, 26.2499 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

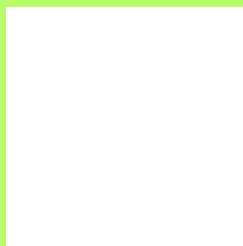
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6012, 82.4850, 26.2499

Background



This preview shows how black text looks on a background with the XYZ color 57.6012, 82.4850, 26.2499.

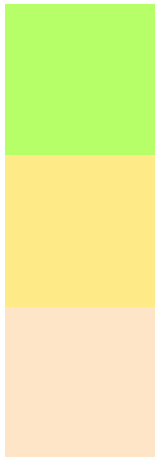


This preview shows how white text looks on a background with the XYZ color 57.6012, 82.4850,

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

57.6012, 82.4850, 26.2499

Protanopia

75.1068, 81.8832, 35.1390

Deuteranopia

79.5681, 81.4221, 65.5552



Tritanopia

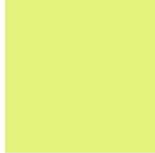
74.6370, 81.7790, 106.4589

Trichromacy



Original Color

57.6012, 82.4850, 26.2499



Protanomaly

67.4487, 81.4789, 31.5741



Deuteranomaly

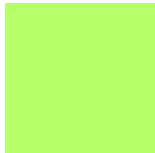
69.3610, 80.3597, 47.4526



Tritanomaly

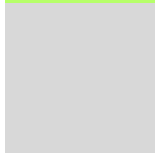
66.3292, 81.0136, 66.7849

Monochromacy



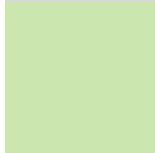
Original Color

57.6012, 82.4850, 26.2499



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.0351, 72.5656, 51.8640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6012, 82.4850, 26.2499 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 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(182, 255, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 105) }
```

Border

The CSS property to change the border of an element to XYZ 57.6012, 82.4850, 26.2499 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, 105) }
```


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

```
.border{ border-color:rgb(182, 255, 105) }
```

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, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 105);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6012, 82.4850, 26.2499 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, 105) }
```

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

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