

Converting Colors

XYZ(60.1983, 83.8974, 23.0473)

Have a look what the booklet for
XYZ(60.1983, 83.8974, 23.0473)
contains.

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Color

**XYZ(60.1974, 83.8948,
23.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FF5C
RGB	195, 255, 92
RGB Percent	76%, 100%, 36%
CMY	0.2353, 0.0000, 0.6392
CMYK	0.24, 0.00, 0.64, 0.00
HSL	82°, 100%, 68%
HSV	82°, 64%, 100%
XYZ	60.1974, 83.8948, 23.1458
YIQ	218.4780, 16.5630, -63.4130

Conversions

Conversions Part 2

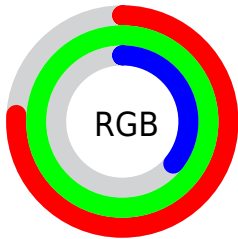
Format	Color
R_{YB}	92, 255, 152
Decimal	12844892
CIE _{Lab}	93.40, -42.18, 69.27
CIE _{LCh}	93, 81.101, 121.342
Yxy	83.8948, 0.3600, 0.5016
Android (android.graphics.Color)	4291034972 (0xFFC3FF5C)
YUV	218.4780, -62.3537, -20.5902
Hunter-Lab	91.5941, -42.9761, 49.1333

Details

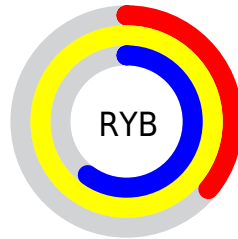
The XYZ color **60.1974, 83.8948, 23.1458** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **34.8276, 21.5511, 96.9319**, and the grayscale version is **67.3800, 70.8890, 77.1981**.

A 20% lighter version of the original color is **82.4248, 94.9499, 42.4167**, and **30.7202, 45.7904, 8.3179** is the 20% darker color. If you saturate the color by 10%, you get **56.9140, 82.3100, 18.1204**, and if you desaturate by 10%, it is **64.0086, 85.7083, 30.1555**.

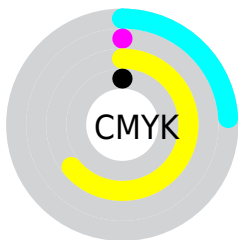
Distribution



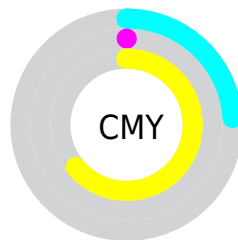
- Red (76%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (60%)



- Cyan (24%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1974, 83.8948, 23.1458 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 60.1974, 83.8948, 23.1458 by changing the saturation by 10% instead.


 60.1974, 83.8948,
23.1458

 60.1974, 83.8948,
23.1458


415.1481,
507.9638, 281.6191

 43.8278, 62.9286,
14.4949


 104.2207,
138.8280, 49.5588


 30.7325, 45.7834,
8.3230


 132.6051,
173.5638, 68.1581

 20.5461, 32.0750,
4.2116

 165.7252,
213.6582, 90.9105

 12.9032, 21.4188,
1.7421

 203.9463,
259.4957, 118.2346

 7.4384, 13.4304,
0.3894

247.6338,
311.4606, 150.5490

 3.7865, 7.7256,
0.0000

297.1530,

 1.5821, 3.9199,

369.9373, 188.2722

0.0000

352.8693,
435.3103, 231.8227

0.3807, 1.6288,
0.0000

0.0000, 0.3769,
0.0000

60.1974, 83.8948,
23.1458

60.1974, 83.8948,
23.1458

56.9140, 82.3100,
18.1204

64.0086, 85.7083,
30.1555

54.1159, 80.9366,
14.8684

68.3837, 87.7654,
39.3249

51.7522, 79.7539,
13.1375

73.3558, 90.0794,
50.8138

50.4844, 79.1107,
12.6091

78.9548, 92.6628,
64.7663

85.2081, 95.5267,
81.3146

92.1415, 98.6817,
100.5815

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.



78.7798, 83.8948, 16.9318



60.1974, 83.8948, 23.1458



48.8125, 83.8948, 45.6916

Triad

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



60.1974, 83.8948, 23.1458



61.5918, 83.8948, 238.6508



128.3459, 83.8948, 88.6152

Complementary

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



60.1974, 83.8948, 23.1458



34.8276, 21.5511, 96.9319

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.



121.5627, 83.8948, 160.3053



60.1974, 83.8948, 23.1458



80.7070, 83.8948, 267.0243

Square

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



60.1974, 83.8948, 23.1458



49.5105, 83.8948, 167.3607



103.1101, 83.8948, 233.4542



120.2908, 83.8948, 42.7453

Rectangle

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



60.1974, 83.8948, 23.1458



45.5906, 83.8948, 74.7337



103.1101, 83.8948, 233.4542



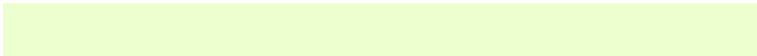
127.7185, 83.8948, 110.2565

Sweetspot

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



60.1975, 83.8948, 23.1470



81.9477, 94.0359, 72.5751



54.3629, 44.4147, 15.8341



17.1635, 19.9549, 14.5457



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.



60.1975, 83.8948, 23.1470



56.0025, 81.8652, 16.9402



44.5974, 75.8526, 22.4169



18.8750, 20.7370, 19.1522



26.5493, 41.4247, 6.5965



2.7054, 4.0955, 0.6479

Inverse Universe

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



34.8276, 21.5511, 96.9319



28.9451, 15.1317, 96.0029



55.5692, 32.2439, 97.9026



17.6345, 17.7033, 22.7376



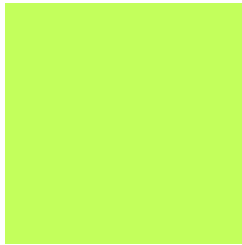
11.9864, 5.0897, 49.7852



1.2825, 0.5550, 4.8528

Previews

White Background



This preview shows how the XYZ color 60.1974, 83.8948, 23.1458 looks on a white background.

Color Contrast Check

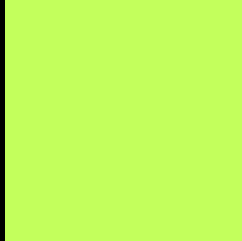
Large Text (above 18pt) WCAG AA × Fail

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 60.1974, 83.8948, 23.1458 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

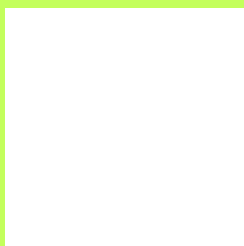
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1974, 83.8948, 23.1458

Background



This preview shows how black text looks on a background with the XYZ color 60.1974, 83.8948, 23.1458.



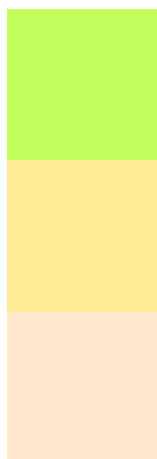
This preview shows how white text looks on a background with the XYZ color 60.1974, 83.8948,

23.1458.

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

60.1974, 83.8948, 23.1458

Protanopia

76.4534, 82.8787, 40.8218

Deuteranopia

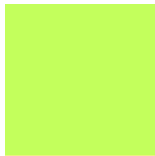
80.9957, 83.3329, 68.9427



Tritanopia

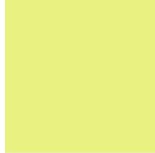
77.5380, 83.2745, 106.5946

Trichromacy



Original Color

60.1974, 83.8948, 23.1458



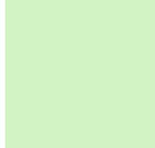
Protanomaly

69.3189, 82.4129, 33.0227



Deuteranomaly

71.3752, 82.2882, 46.7717



Tritanomaly

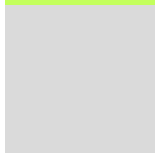
68.8928, 82.3885, 64.4961

Monochromacy



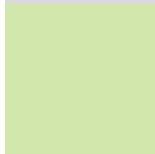
Original Color

60.1974, 83.8948, 23.1458



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.6007, 73.8320, 49.9813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1974, 83.8948, 23.1458 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(195, 255, 92)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 92)  
}
```

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(195, 255, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 92) }
```

Border

The CSS property to change the border of an element to XYZ 60.1974, 83.8948, 23.1458 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(195, 255, 92) }
```


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

```
.border{ border-color:rgb(195, 255, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 255, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 92);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1974, 83.8948, 23.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 92) }
```

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

```
.background{ background-color: rgb(195,  
255, 92) }
```

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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