

Converting Colors

XYZ(60.6659, 83.6953, 43.0944)

Have a look what the booklet for
XYZ(60.6659, 83.6953, 43.0944)
contains.

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Color

**XYZ(60.5658, 83.6437,
43.0897)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FF99
RGB	181, 255, 153
RGB Percent	71%, 100%, 60%
CMY	0.2902, 0.0000, 0.4000
CMYK	0.29, 0.00, 0.40, 0.00
HSL	104°, 100%, 80%
HSV	104°, 40%, 100%
XYZ	60.5658, 83.6437, 43.0897
YIQ	221.2460, -11.3620, -47.4100

Conversions

Conversions Part 2

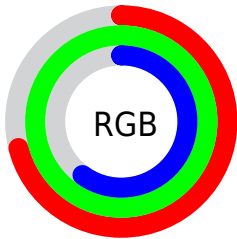
Format	Color
RYB	153, 255, 227
Decimal	11927449
CIELab	93.30, -40.84, 41.60
CIELCh	93, 58.299, 134.469
Yxy	83.6437, 0.3234, 0.4466
Android (android.graphics.Color)	4290117529 (0xFFB5FF99)
YUV	221.2460, -33.6453, -35.2957
Hunter-Lab	91.4569, -41.8410, 36.0855

Details

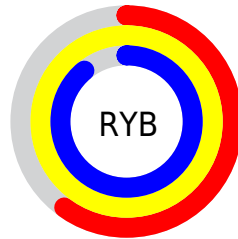
The XYZ color **60.5658, 83.6437, 43.0897** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **61.1211, 46.3347, 100.3298**, and the grayscale version is **69.1344, 72.7348, 79.2082**.

A 20% lighter version of the original color is **82.7418, 94.4248, 73.5394**, and **30.9518, 45.6682, 19.2401** is the 20% darker color. If you saturate the color by 10%, you get **54.6257, 80.7993, 32.9677**, and if you desaturate by 10%, it is **67.5328, 86.9653, 55.6113**.

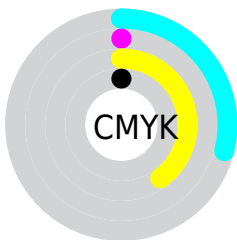
Distribution



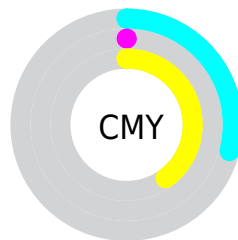
- Red (71%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (89%)



- Cyan (29%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5658, 83.6437, 43.0897 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 60.5658, 83.6437, 43.0897 by changing the saturation by 10% instead.


 60.5658, 83.6437,
43.0897


 60.5658, 83.6437,
43.0897


416.4816,
507.1293, 374.9126

 44.1261, 62.7213,
29.6236


 104.7517,
138.4767, 81.1340

 30.9680, 45.6158,
19.3034


 133.2285,
173.1560, 106.5493

 20.7262, 31.9427,
11.7107


166.4484,
213.1898, 136.7847

 13.0353, 21.3178,
6.4269

204.7768,
258.9625, 172.2588

 7.5300, 13.3565,
3.0334

248.5789,
310.8583, 213.3900

 3.8450, 7.6745,
1.1117

298.2202,

 1.6148, 3.8874,

369.2618, 260.5971

0.0000

354.0659,
434.5574, 314.2984

0.4020, 1.6108,
0.0000

0.0000, 0.3648,
0.0000

60.5658, 83.6437,
43.0897

60.5658, 83.6437,
43.0897

54.6257, 80.7993,
32.9677

67.5328, 86.9653,
55.6113

49.6599, 78.4086,
25.0882

75.5732, 90.7854,
70.6688

45.6126, 76.4465,
19.2811

84.7321, 95.1241,
88.3924

42.4208, 74.8848,
15.3507

95.0500, 100.0000,
108.9000

■ 40.0128, 73.6915,
13.0634

■ 38.2856, 72.8220,
12.0383

■ 38.2855, 72.8219,
12.0382

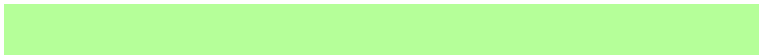
Harmonies

Analogous

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



72.3522, 83.6437, 31.2969



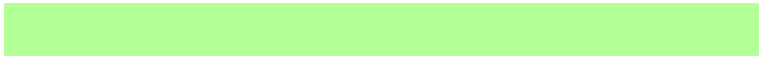
60.5658, 83.6437, 43.0897



54.3197, 83.6437, 70.2634

Triad

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



60.5658, 83.6437, 43.0897



71.8568, 83.6437, 199.2027



111.6406, 83.6437, 71.5448

Complementary

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



60.5658, 83.6437, 43.0897



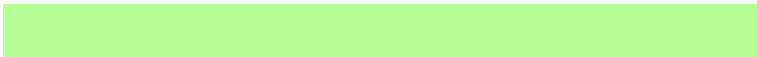
61.1211, 46.3347, 100.3298

Split Complementary

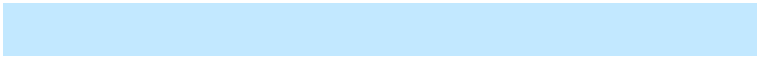
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111.4630, 83.6437, 115.6341



60.5658, 83.6437, 43.0897



87.1054, 83.6437, 199.8872

Square

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



60.5658, 83.6437, 43.0897



60.2435, 83.6437, 164.0470



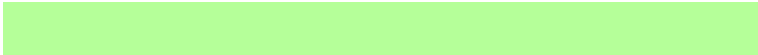
102.0206, 83.6437, 165.6936



102.4783, 83.6437, 43.7663

Rectangle

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



60.5658, 83.6437, 43.0897



53.5569, 83.6437, 97.8197



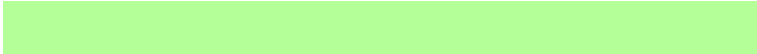
102.0206, 83.6437, 165.6936



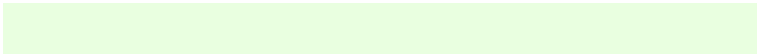
112.7053, 83.6437, 84.6453

Sweetspot

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



60.5662, 83.6438, 43.0910



82.8077, 94.2135, 84.6264



74.2138, 78.0076, 41.2837



17.4607, 20.0408, 17.6001



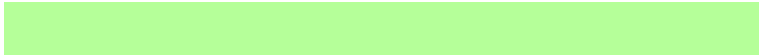
0.0000, 0.0000, 0.0000



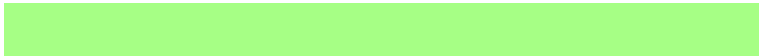
20.3446, 21.4041, 23.3091

Same Dimension

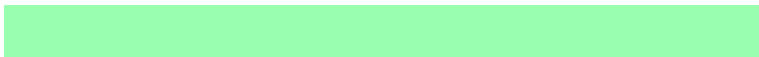
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5662, 83.6438, 43.0910



55.7335, 81.3308, 34.8066



56.6453, 81.3918, 53.3348



18.2394, 20.4093, 19.1224



20.1272, 38.1141, 6.2959



2.0595, 3.7625, 0.6177

Inverse Universe

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



61.1211, 46.3347, 100.3298



56.3242, 39.3211, 99.2289



67.3255, 49.9209, 83.1037



18.2779, 18.0350, 22.7677



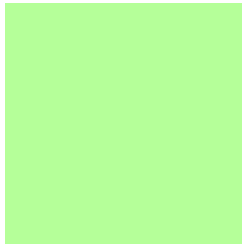
20.0378, 9.2404, 50.1620



2.0564, 0.9540, 4.8890

Previews

White Background



This preview shows how the XYZ color 60.5658, 83.6437, 43.0897 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 60.5658, 83.6437, 43.0897 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

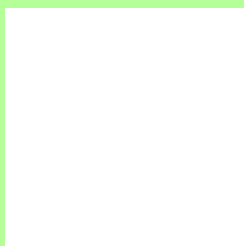
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5658, 83.6437, 43.0897

Background



This preview shows how black text looks on a background with the XYZ color 60.5658, 83.6437, 43.0897.

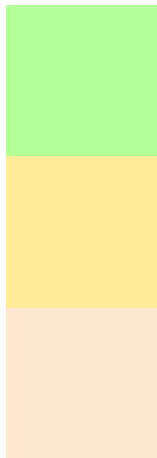


This preview shows how white text looks on a background with the XYZ color 60.5658, 83.6437,

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

60.5658, 83.6437, 43.0897

Protanopia

76.6158, 82.9437, 41.6774

Deuteranopia

81.2011, 82.9659, 71.4088



Tritanopia

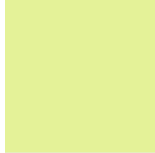
75.5046, 83.0955, 106.6673

Trichromacy



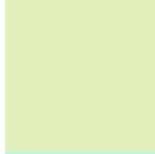
Original Color

60.5658, 83.6437, 43.0897



Protanomaly

69.4145, 82.2652, 41.9260



Deuteranomaly

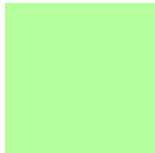
72.2321, 82.4450, 59.6834



Tritanomaly

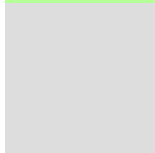
68.8605, 82.5089, 78.6261

Monochromacy



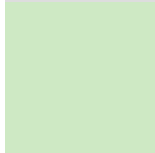
Original Color

60.5658, 83.6437, 43.0897



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.5563, 75.3852, 63.3729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5658, 83.6437, 43.0897 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, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 153)  
}
```

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, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 153) }
```

Border

The CSS property to change the border of an element to XYZ 60.5658, 83.6437, 43.0897 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, 255, 153) }
```


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

```
.border{ border-color:rgb(181, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5658, 83.6437, 43.0897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 153) }
```

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

```
.background{ background-color: rgb(181,  
255, 153) }
```

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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