

Converting Colors

Yxy(54.3980, 0.3163, 0.5227)

Have a look what the booklet for
Yxy(54.3980, 0.3163, 0.5227)
contains.

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Color

Yxy(54.3980, 0.3163, 0.5227)

Conversions

Conversions Part 1

Format	Color
Hex	6BDB52
RGB	107, 219, 82
RGB Percent	42%, 86%, 32%
CMY	0.5805, 0.1412, 0.6783
CMYK	0.51, 0.00, 0.63, 0.14
HSL	109°, 66%, 59%
HSV	109°, 63%, 86%
XYZ	32.9177, 54.3980, 16.7555
YIQ	169.8940, -22.7750, -66.3510

Conversions

Conversions Part 2

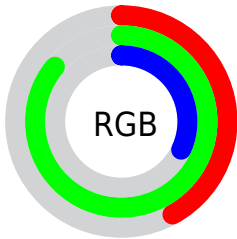
Format	Color
RYB	82, 219, 194
Decimal	7068498
CIELab	78.69, -57.03, 56.09
CIELCh	79, 79.991, 135.477
Yxy	54.3980, 0.3163, 0.5227
Android (android.graphics.Color)	4285258578 (0xFF6BDB52)
YUV	169.8940, -43.3317, -55.1580
Hunter-Lab	73.7550, -49.4046, 38.1592

Details

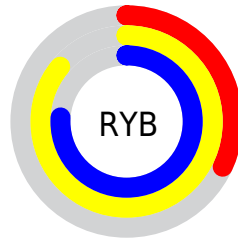
The Yxy color **54.3980, 0.3163, 0.5227** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **22.6337, 0.2927, 0.1740**, and the grayscale version is **40.3726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4046, 0.3226, 0.4695**, and **26.7277, 0.3072, 0.5796** is the 20% darker color. If you saturate the color by 10%, you get **53.1208, 0.3143, 0.5513**, and if you desaturate by 10%, it is **56.0162, 0.3174, 0.4902**.

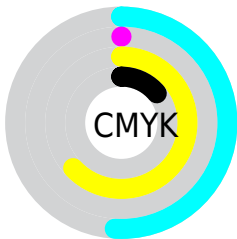
Distribution



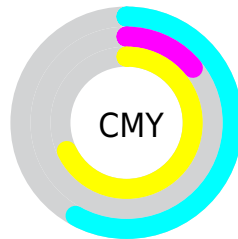
- Red (42%)
- Green (86%)
- Blue (32%)



- Red (32%)
- Yellow (86%)
- Blue (76%)



- Cyan (51%)
- Magenta (0%)
- Yellow (63%)
- Black (14%)





- Cyan (58%)
- Magenta (14%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3980, 0.3163, 0.5227 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 Yxy color 54.3980, 0.3163, 0.5227 by changing the saturation by 10% instead.

 54.3980, 0.3163,
0.5227


 54.3980, 0.3163,
0.5227


403.6259, 0.3210,
0.4221

 38.9199, 0.3128,
0.5478


 96.6584, 0.3197,
0.4858


 26.6975, 0.3069,
0.5796


 124.2095, 0.3205,
0.4720

 17.3461, 0.2968,
0.6203


 156.5537, 0.3209,
0.4604

 10.4816, 0.2789,
0.6734

 194.0755, 0.3211,
0.4504

 5.7194, 0.2490,
0.7510

 237.1592, 0.3212,
0.4419

 2.6752, 0.1768,
0.8232

286.1893, 0.3212,

 0.9646, 0.0000,

0.4344

1.0000

341.5500, 0.3211,
0.4279

■ 0.0000, 0.0000,
0.0000

■ 54.3980, 0.3163,
0.5227

■ 54.3980, 0.3163,
0.5227

■ 53.1208, 0.3143,
0.5513

■ 56.0162, 0.3174,
0.4902

■ 52.1528, 0.3114,
0.5739

■ 57.9906, 0.3177,
0.4562

■ 51.4676, 0.3079,
0.5889

■ 60.3438, 0.3172,
0.4225

■ 51.1143, 0.3054,
0.5957

■ 63.0946, 0.3162,
0.3907

■ 66.2605, 0.3148,
0.3614

■ 69.8577, 0.3132,
0.3352

■ 73.9018, 0.3114,
0.3119

■ 78.2620, 0.3111,
0.2936

■ 79.1456, 0.3144,
0.2940

Harmonies

Analogous

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



54.3980, 0.4108, 0.5078



54.3980, 0.3163, 0.5227



54.3980, 0.2257, 0.4463

Triad

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



54.3980, 0.3163, 0.5227



54.3980, 0.1540, 0.1885



54.3980, 0.4822, 0.3019

Complementary

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



54.3980, 0.3163, 0.5227



22.6337, 0.2927, 0.1740

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.



54.3980, 0.3864, 0.2414



54.3980, 0.3163, 0.5227



54.3980, 0.1984, 0.1792

Square

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



54.3980, 0.3163, 0.5227



54.3980, 0.1424, 0.2334



54.3980, 0.2788, 0.1981



54.3980, 0.5183, 0.3706

Rectangle

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



54.3980, 0.3163, 0.5227



54.3980, 0.1806, 0.3644



54.3980, 0.2788, 0.1981



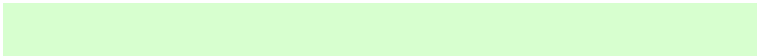
54.3980, 0.4550, 0.2805

Sweetspot

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



54.4003, 0.3163, 0.5227



90.5066, 0.3157, 0.3805



54.2077, 0.4166, 0.4516



19.1075, 0.3161, 0.3892



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



54.4003, 0.3163, 0.5227



74.5162, 0.3134, 0.5591



53.9527, 0.2836, 0.4702



14.7197, 0.3143, 0.3530



30.3411, 0.3061, 0.5952



2.0001, 0.3163, 0.5870

Inverse Universe

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



22.6337, 0.2927, 0.1740



26.1013, 0.2865, 0.1512



24.2221, 0.3717, 0.2249



13.1487, 0.3109, 0.3058



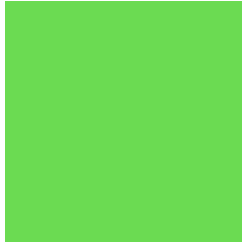
8.7678, 0.2754, 0.1291



0.5999, 0.2833, 0.1334

Previews

White Background



This preview shows how the Yxy color 54.3980, 0.3163, 0.5227 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 Yxy color 54.3980, 0.3163, 0.5227 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](#).

Yxy 54.3980, 0.3163, 0.5227

Background



This preview shows how black text looks on a background with the Yxy color 54.3980, 0.3163, 0.5227.



This preview shows how white text looks on a background with the Yxy color 54.3980, 0.3163, 0.5227.

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

54.3980, 0.3163, 0.5227

Protanopia

53.6905, 0.4177, 0.4588

Deuteranopia

53.4220, 0.4345, 0.4243



Tritanopia

54.0049, 0.2548, 0.3068

Trichromacy



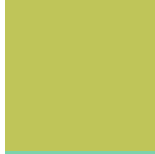
Original Color

54.3980, 0.3163, 0.5227



Protanomaly

52.4920, 0.3751, 0.4846



Deuteranomaly

51.7301, 0.3857, 0.4613



Tritanomaly

53.3185, 0.2789, 0.3841

Monochromacy



Original Color

54.3980, 0.3163, 0.5227



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

44.0045, 0.3165, 0.4025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3980, 0.3163, 0.5227 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(107, 219, 82)` looks like.

```
.text, #text, p{  
    color:rgb(107, 219, 82)  
}
```

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(107, 219, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 219, 82) }
```

Border

The CSS property to change the border of an element to Yxy 54.3980, 0.3163, 0.5227 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(107, 219, 82) }
```

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

```
.border{ border-color:rgb(107, 219, 82) }
```

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

Here you see how a box with a 4 pixel rgb(107, 219, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 219, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 219, 82);  
box-shadow:4px 4px 4px 4px rgb(107, 219,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3980, 0.3163, 0.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 219, 82) }
```

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

```
.background{ background-color: rgb(107,  
219, 82) }
```

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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