

Converting Colors

$Y_{xy}(18.9964, 0.3256, 0.4956)$

Have a look what the booklet for
Yxy(18.9964, 0.3256, 0.4956)
contains.

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Color

Yxy(19.0079, 0.3254, 0.4953)

Conversions

Conversions Part 1

Format	Color
Hex	4F8639
RGB	79, 134, 57
RGB Percent	31%, 53%, 22%
CMY	0.6902, 0.4745, 0.7765
CMYK	0.41, 0.00, 0.57, 0.47
HSL	103°, 40%, 37%
HSV	103°, 57%, 53%
XYZ	12.4877, 19.0079, 6.8809
YIQ	108.7770, -8.0630, -35.6070

Conversions

Conversions Part 2

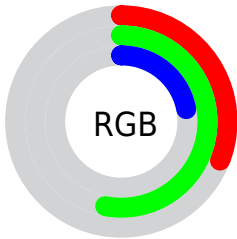
Format	Color
R_{YB}	57, 134, 112
Decimal	5211705
CIE _{Lab}	50.70, -33.30, 35.33
CIE _{LCh}	51, 48.549, 133.304
Yxy	19.0079, 0.3254, 0.4953
Android (android.graphics.Color)	4283401785 (0xFF4F8639)
YUV	108.7770, -25.5261, -26.1144
Hunter-Lab	43.5981, -25.1691, 21.1611

Details

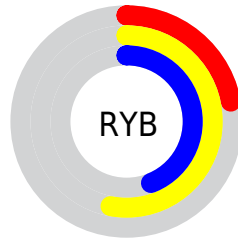
The Yxy color **19.0079, 0.3254, 0.4953** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.0923, 0.2829, 0.1839**, and the grayscale version is **15.3018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9126, 0.3266, 0.4548**, and **6.5734, 0.3169, 0.5740** is the 20% darker color. If you saturate the color by 10%, you get **18.5108, 0.3247, 0.5247**, and if you desaturate by 10%, it is **19.6010, 0.3248, 0.4640**.

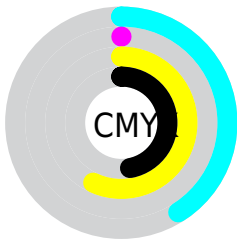
Distribution



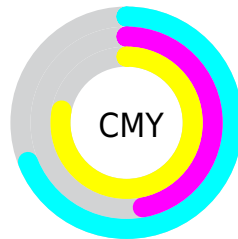
- Red (31%)
- Green (53%)
- Blue (22%)



- Red (22%)
- Yellow (53%)
- Blue (44%)



- Cyan (41%)
- Magenta (0%)
- Yellow (57%)
- Black (47%)




- Cyan (69%)
- Magenta (47%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0079, 0.3254, 0.4953 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 19.0079, 0.3254, 0.4953 by changing the saturation by 10% instead.


 19.0079, 0.3254,
0.4953


 19.0079, 0.3254,
0.4953


246.4924, 0.3226,
0.3950


 11.6760, 0.3230,
0.5274


 41.7474, 0.3260,
0.4539


 6.5235, 0.3166,
0.5731


 57.9239, 0.3257,
0.4399


 3.1659, 0.3170,
0.6777

 77.8173, 0.3252,
0.4287

 1.2190, 0.2041,
0.7959

 101.8120, 0.3246,
0.4195

 0.0771, 0.0000,
1.0000

 130.2925, 0.3241,
0.4118

 0.0000, 0.0000,
0.0000

 163.6431, 0.3236,

0.4053

202.2483, 0.3231,
0.3998

■ 19.0079, 0.3254,
0.4953

■ 19.0079, 0.3254,
0.4953

■ 18.5108, 0.3247,
0.5247

■ 19.6010, 0.3248,
0.4640

■ 18.1020, 0.3228,
0.5503

■ 20.2927, 0.3233,
0.4324

■ 17.7763, 0.3195,
0.5705

■ 21.0882, 0.3210,
0.4019

■ 17.5241, 0.3154,
0.5850

■ 21.9918, 0.3182,
0.3733

■ 17.4687, 0.3145,
0.5885

■ 23.0075, 0.3151,
0.3470

■ 24.1391, 0.3119,
0.3232

■ 25.3902, 0.3087,
0.3020

■ 26.7642, 0.3055,
0.2832

■ 28.2645, 0.3025,
0.2666

Harmonies

Analogous

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



19.0079, 0.4084, 0.4839



19.0079, 0.3254, 0.4953



19.0079, 0.2436, 0.4351

Triad

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



19.0079, 0.3254, 0.4953



19.0079, 0.1693, 0.2068



19.0079, 0.4544, 0.3029

Complementary

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



19.0079, 0.3254, 0.4953



8.0923, 0.2829, 0.1839

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.



19.0079, 0.3702, 0.2484



19.0079, 0.3254, 0.4953



19.0079, 0.2080, 0.1952

Square

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



19.0079, 0.3254, 0.4953



19.0079, 0.1613, 0.2515



19.0079, 0.2778, 0.2104



19.0079, 0.4918, 0.3655

Rectangle

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



19.0079, 0.3254, 0.4953



19.0079, 0.2011, 0.3681



19.0079, 0.2778, 0.2104



19.0079, 0.4299, 0.2834

Sweetspot

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



19.0087, 0.3254, 0.4953



38.7606, 0.3182, 0.3730



16.7115, 0.4144, 0.4264



8.6704, 0.3186, 0.3776



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



19.0087, 0.3254, 0.4953



32.3763, 0.3243, 0.5330



18.3941, 0.2927, 0.4724



5.2644, 0.3156, 0.3511



16.3747, 0.3147, 0.5884



0.0601, 0.3455, 0.5639

Inverse Universe

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



8.0923, 0.2829, 0.1839



11.1560, 0.2734, 0.1558



9.3170, 0.3454, 0.2204



4.6978, 0.3095, 0.3073



3.9349, 0.2517, 0.1160



0.0173, 0.2856, 0.1347

Previews

White Background



This preview shows how the Yxy color 19.0079, 0.3254, 0.4953 looks on a white background.

Color Contrast Check

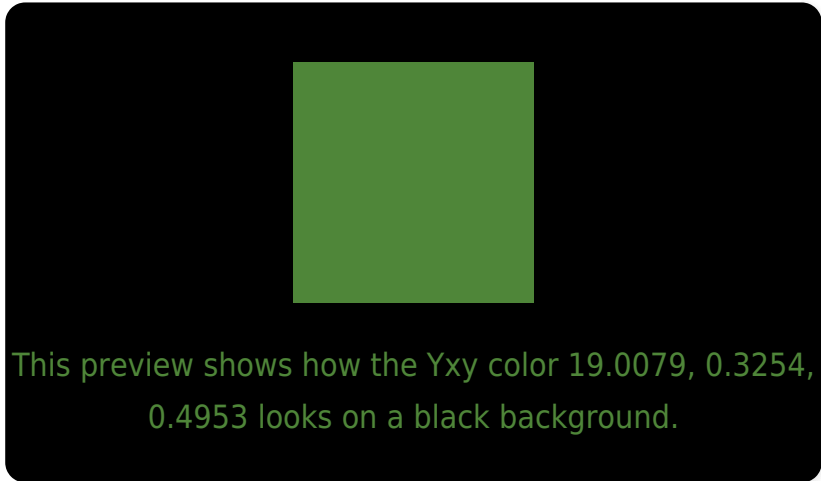
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

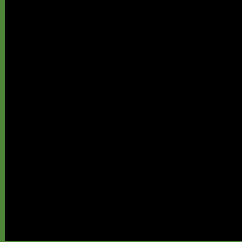
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0079, 0.3254, 0.4953

Background



This preview shows how black text looks on a background with the Yxy color 19.0079, 0.3254, 0.4953.



This preview shows how white text looks on a background with the Yxy color 19.0079, 0.3254, 0.4953.

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

19.0079, 0.3254, 0.4953

Protanopia

18.7583, 0.4090, 0.4463

Deuteranopia

18.5855, 0.4237, 0.4162



Tritanopia

19.0264, 0.2668, 0.3091

Trichromacy



Original Color

19.0079, 0.3254, 0.4953

Protanomaly

18.5110, 0.3761, 0.4660

Deuteranomaly

18.1386, 0.3846, 0.4449

Tritanomaly

18.8368, 0.2897, 0.3756

Monochromacy



Original Color

19.0079, 0.3254, 0.4953

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

16.2917, 0.3199, 0.3901

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0079, 0.3254, 0.4953 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(79, 134, 57)` looks like.

```
.text, #text, p{  
    color:rgb(79, 134, 57)  
}
```

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(79, 134, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 134, 57) }
```

Border

The CSS property to change the border of an element to Yxy 19.0079, 0.3254, 0.4953 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(79, 134, 57) }
```

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

```
.border{ border-color:rgb(79, 134, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 134, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 134, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 134, 57);  
box-shadow:4px 4px 4px 4px rgb(79, 134,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0079, 0.3254, 0.4953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 134, 57) }
```

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

```
.background{ background-color: rgb(79, 134,  
57) }
```

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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