

Converting Colors

$Y_{xy}(19.1996, 0.3154, 0.4825)$

Have a look what the booklet for
Yxy(19.1996, 0.3154, 0.4825)
contains.

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Color

Yxy(19.2461, 0.3158, 0.4824)

Conversions

Conversions Part 1

Format	Color
Hex	4C8741
RGB	76, 135, 65
RGB Percent	30%, 53%, 25%
CMY	0.7019, 0.4706, 0.7451
CMYK	0.44, 0.00, 0.52, 0.47
HSL	111°, 35%, 39%
HSV	111°, 52%, 53%
XYZ	12.5993, 19.2461, 8.0511
YIQ	109.3790, -12.6940, -34.2780

Conversions

Conversions Part 2

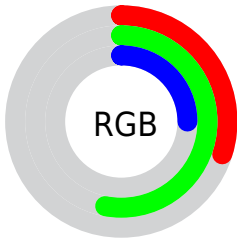
Format	Color
R_{YB}	65, 135, 124
Decimal	5015361
CIE Lab	50.97, -33.74, 31.53
CIE LCh	51, 46.177, 136.942
Yxy	19.2461, 0.3158, 0.4824
Android (android.graphics.Color)	4283205441 (0xFF4C8741)
YUV	109.3790, -21.8788, -29.2734
Hunter-Lab	43.8704, -25.5089, 19.8283

Details

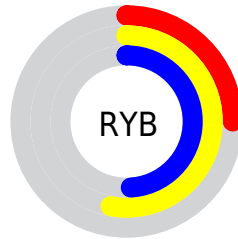
The Yxy color **19.2461, 0.3158, 0.4824** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9.8134, 0.3009, 0.2026**, and the grayscale version is **15.4736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1993, 0.3179, 0.4451**, and **6.7112, 0.3055, 0.5559** is the 20% darker color. If you saturate the color by 10%, you get **18.6832, 0.3148, 0.5146**, and if you desaturate by 10%, it is **19.9305, 0.3161, 0.4492**.

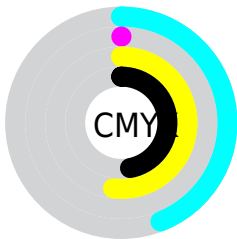
Distribution



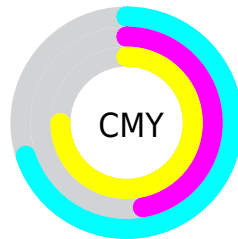
- Red (30%)
- Green (53%)
- Blue (25%)



- Red (25%)
- Yellow (53%)
- Blue (49%)



- Cyan (44%)
- Magenta (0%)
- Yellow (52%)
- Black (47%)




- Cyan (70%)
- Magenta (47%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2461, 0.3158, 0.4824 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 19.2461, 0.3158, 0.4824 by changing the saturation by 10% instead.


 19.2461, 0.3158,
0.4824


 19.2461, 0.3158,
0.4824


247.8040, 0.3177,
0.3897


 11.8482, 0.3127,
0.5126


 42.1495, 0.3180,
0.4439


 6.6404, 0.3059,
0.5561


 58.4239, 0.3183,
0.4310


 3.2383, 0.2974,
0.6387

 78.4259, 0.3183,
0.4207

 1.2574, 0.2084,
0.7916

 102.5399, 0.3183,
0.4122

 0.1078, 0.0000,
1.0000

 131.1503, 0.3182,
0.4052

 0.0000, 0.0000,
0.0000

164.6416, 0.3180,

0.3992

203.3980, 0.3179,
0.3941

■ 19.2461, 0.3158,
0.4824

■ 19.2461, 0.3158,
0.4824

■ 18.6832, 0.3148,
0.5146

■ 19.9305, 0.3161,
0.4492

■ 18.2322, 0.3131,
0.5438

■ 20.7403, 0.3159,
0.4168

■ 17.8861, 0.3106,
0.5678

■ 21.6824, 0.3152,
0.3863

■ 17.6362, 0.3077,
0.5851

■ 22.7624, 0.3142,
0.3584

■ 17.4903, 0.3057,
0.5955

■ 23.9855, 0.3130,
0.3333

■ 25.3568, 0.3116,
0.3111

■ 26.8810, 0.3103,
0.2916

■ 28.5627, 0.3089,
0.2745

■ 30.4062, 0.3076,
0.2596

Harmonies

Analogous

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



19.2461, 0.3960, 0.4808



19.2461, 0.3158, 0.4824



19.2461, 0.2391, 0.4182

Triad

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



19.2461, 0.3158, 0.4824



19.2461, 0.1783, 0.2095



19.2461, 0.4542, 0.3117

Complementary

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



19.2461, 0.3158, 0.4824



9.8134, 0.3009, 0.2026

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.



19.2461, 0.3783, 0.2578



19.2461, 0.3158, 0.4824



19.2461, 0.2194, 0.2013

Square

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



19.2461, 0.3158, 0.4824



19.2461, 0.1671, 0.2487



19.2461, 0.2897, 0.2188



19.2461, 0.4834, 0.3727

Rectangle

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



19.2461, 0.3158, 0.4824



19.2461, 0.2006, 0.3546



19.2461, 0.2897, 0.2188



19.2461, 0.4328, 0.2926

Sweetspot

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



19.2469, 0.3158, 0.4824



39.8603, 0.3146, 0.3707



19.7814, 0.3953, 0.4327



9.1524, 0.3148, 0.3756



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



19.2469, 0.3158, 0.4824



33.3208, 0.3146, 0.5193



19.1620, 0.2860, 0.4343



5.2374, 0.3138, 0.3513



16.1322, 0.3058, 0.5954



0.0579, 0.3267, 0.5788

Inverse Universe

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



9.8134, 0.3009, 0.2026



14.4790, 0.2968, 0.1784



10.0937, 0.3582, 0.2445



4.7267, 0.3114, 0.3074



4.9013, 0.2826, 0.1330



0.0195, 0.3024, 0.1439

Previews

White Background



This preview shows how the Yxy color 19.2461, 0.3158, 0.4824 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



This preview shows how the Yxy color 19.2461, 0.3158, 0.4824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

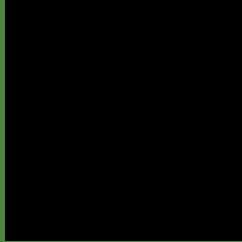
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2461, 0.3158, 0.4824

Background



This preview shows how black text looks on a background with the Yxy color 19.2461, 0.3158, 0.4824.



This preview shows how white text looks on a background with the Yxy color 19.2461, 0.3158, 0.4824.

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

19.2461, 0.3158, 0.4824

Protanopia

19.0693, 0.4011, 0.4375

Deuteranopia

18.9067, 0.4135, 0.4057



Tritanopia

19.1585, 0.2633, 0.3091

Trichromacy



Original Color

19.2461, 0.3158, 0.4824

Protanomaly

18.7802, 0.3666, 0.4547

Deuteranomaly

18.4014, 0.3741, 0.4333

Tritanomaly

19.0443, 0.2830, 0.3692

Monochromacy



Original Color

19.2461, 0.3158, 0.4824

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

16.2886, 0.3152, 0.3836

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2461, 0.3158, 0.4824 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(76, 135, 65)` looks like.

```
.text, #text, p{  
    color:rgb(76, 135, 65)  
}
```

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(76, 135, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 135, 65) }
```

Border

The CSS property to change the border of an element to Yxy 19.2461, 0.3158, 0.4824 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(76, 135, 65) }
```

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

```
.border{ border-color:rgb(76, 135, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 135, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 135, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 135, 65);  
box-shadow:4px 4px 4px 4px rgb(76, 135,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2461, 0.3158, 0.4824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 135, 65) }
```

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

```
.background{ background-color: rgb(76, 135,  
65) }
```

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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