

Converting Colors

$Y_{xy}(16.5282, 0.3067, 0.3845)$

Have a look what the booklet for
Yxy(16.5282, 0.3067, 0.3845)
contains.

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Color

Yxy(16.5345, 0.3065, 0.3841)

Conversions

Conversions Part 1

Format	Color
Hex	5C785F
RGB	92, 120, 95
RGB Percent	36%, 47%, 37%
CMY	0.6393, 0.5294, 0.6275
CMYK	0.23, 0.00, 0.21, 0.53
HSL	126°, 13%, 42%
HSV	126°, 23%, 47%
XYZ	13.1940, 16.5345, 13.3189
YIQ	108.7780, -8.6630, -13.7110

Conversions

Conversions Part 2

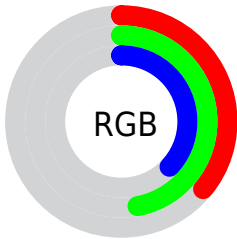
Format	Color
R_{YB}	92, 117, 120
Decimal	6060127
CIE _{Lab}	47.67, -15.54, 10.49
CIE _{LCh}	48, 18.751, 145.976
Yxy	16.5345, 0.3065, 0.3841
Android (android.graphics.Color)	4284250207 (0xFF5C785F)
YUV	108.7780, -6.7926, -14.7143
Hunter-Lab	40.6626, -13.2408, 9.0437

Details

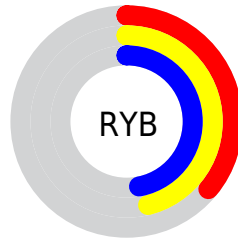
The Yxy color **16.5345, 0.3065, 0.3841** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.9300, 0.3196, 0.2795**, and the grayscale version is **15.2474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3890, 0.3090, 0.3704**, and **5.2861, 0.3016, 0.4099** is the 20% darker color. If you saturate the color by 10%, you get **15.7838, 0.3038, 0.4122**, and if you desaturate by 10%, it is **17.4113, 0.3092, 0.3587**.

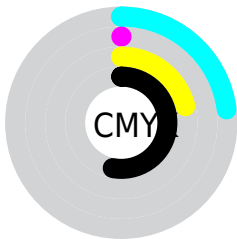
Distribution



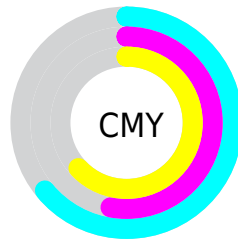
- Red (36%)
- Green (47%)
- Blue (37%)



- Red (36%)
- Yellow (46%)
- Blue (47%)



- Cyan (23%)
- Magenta (0%)
- Yellow (21%)
- Black (53%)





- Cyan (64%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.5345, 0.3065, 0.3841 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 16.5345, 0.3065, 0.3841 by changing the saturation by 10% instead.


 16.5345, 0.3065,
0.3841


 16.5345, 0.3065,
0.3841


232.4754, 0.3106,
0.3509

 9.9032, 0.3049,
0.3952


 37.5237, 0.3083,
0.3702


 5.3348, 0.3023,
0.4118

 52.6503, 0.3089,
0.3656

 2.4450, 0.2974,
0.4395

 71.3775, 0.3094,
0.3619

 0.8489, 0.2914,
0.5786

 94.0896, 0.3097,
0.3589

 0.0000, 0.0000,
0.0000

121.1710, 0.3100,
0.3564

153.0062, 0.3102,

0.3543

189.9795, 0.3104,
0.3525

■ 16.5345, 0.3065,
0.3841

■ 16.5345, 0.3065,
0.3841

■ 15.7838, 0.3038,
0.4122

■ 17.4113, 0.3092,
0.3587

■ 15.1514, 0.3013,
0.4423

■ 18.4175, 0.3119,
0.3360

■ 14.6320, 0.2991,
0.4737

■ 19.5587, 0.3144,
0.3160

■ 14.2188, 0.2975,
0.5049

■ 20.8398, 0.3168,
0.2986


■ 13.9044, 0.2965,
0.5340


■ 22.2651, 0.3190,
0.2835


 13.6805, 0.2963,
0.5592


 23.8391, 0.3210,
0.2703

 13.5366, 0.2969,
0.5788

 25.5659, 0.3229,
0.2590

 13.4633, 0.2969,
0.5887

 27.4494, 0.3246,
0.2491

 29.4935, 0.3261,
0.2406

Harmonies

Analogous

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



16.5345, 0.3432, 0.3956



16.5345, 0.3065, 0.3841



16.5345, 0.2728, 0.3547

Triad

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



16.5345, 0.3065, 0.3841



16.5345, 0.2544, 0.2716



16.5345, 0.3790, 0.3335

Complementary

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



16.5345, 0.3065, 0.3841



12.9300, 0.3196, 0.2795

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.



16.5345, 0.3524, 0.3042



16.5345, 0.3065, 0.3841



16.5345, 0.2799, 0.2696

Square

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



16.5345, 0.3065, 0.3841



16.5345, 0.2440, 0.2886



16.5345, 0.3156, 0.2814



16.5345, 0.3865, 0.3633

Rectangle

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



16.5345, 0.3065, 0.3841



16.5345, 0.2563, 0.3306



16.5345, 0.3156, 0.2814



16.5345, 0.3720, 0.3233

Sweetspot

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



16.5352, 0.3065, 0.3841



31.6852, 0.3109, 0.3443



18.0032, 0.3424, 0.3849



7.4914, 0.3107, 0.3453



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



16.5352, 0.3065, 0.3841



28.3470, 0.3051, 0.3988



16.8090, 0.2915, 0.3530



4.4563, 0.3103, 0.3486



14.6846, 0.2970, 0.5892



69.9830, 0.2983, 0.5939

Inverse Universe

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



12.9300, 0.3196, 0.2795



20.8413, 0.3214, 0.2680



12.6286, 0.3402, 0.3062



4.0705, 0.3152, 0.3101



5.5166, 0.3488, 0.1695



26.2391, 0.3505, 0.1704

Previews

White Background



This preview shows how the Yxy color 16.5345, 0.3065, 0.3841 looks on a white 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

Black Background



This preview shows how the Yxy color 16.5345, 0.3065, 0.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

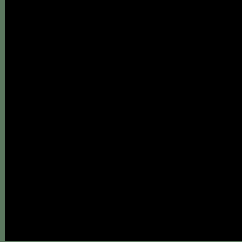
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.5345, 0.3065, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 16.5345, 0.3065, 0.3841.



This preview shows how white text looks on a background with the Yxy color 16.5345, 0.3065, 0.3841.

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

16.5345, 0.3065, 0.3841

Protanopia

16.5587, 0.3502, 0.3732

Deuteranopia

16.4675, 0.3567, 0.3522



Tritanopia

16.5128, 0.2797, 0.3104

Trichromacy



Original Color

16.5345, 0.3065, 0.3841

Protanomaly

16.5785, 0.3340, 0.3790

Deuteranomaly

16.3678, 0.3381, 0.3636

Tritanomaly

16.3704, 0.2892, 0.3353

Monochromacy



Original Color

16.5345, 0.3065, 0.3841

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

15.6933, 0.3105, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.5345, 0.3065, 0.3841 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(92, 120, 95) looks like.

```
.text, #text, p{  
  color:rgb(92, 120, 95)  
}
```

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(92, 120, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 120, 95) }
```

Border

The CSS property to change the border of an element to Yxy 16.5345, 0.3065, 0.3841 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(92, 120, 95) }
```

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

```
.border{ border-color:rgb(92, 120, 95) }
```

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

Here you see how a box with a 4 pixel rgb(92, 120, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 120, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 120, 95);  
box-shadow:4px 4px 4px 4px rgb(92, 120,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 16.5345, 0.3065, 0.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 120, 95) }
```

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

```
.background{ background-color: rgb(92, 120,  
95) }
```

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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