

Converting Colors

$Y_{xy}(16.5073, 0.2867, 0.3337)$

Have a look what the booklet for
Yxy(16.5073, 0.2867, 0.3337)
contains.

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Color

Yxy(16.5744, 0.2870, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	5E7673
RGB	94, 118, 115
RGB Percent	37%, 46%, 45%
CMY	0.6315, 0.5372, 0.5490
CMYK	0.20, 0.00, 0.03, 0.54
HSL	172°, 11%, 42%
HSV	172°, 20%, 46%
XYZ	14.1869, 16.5744, 18.6703
YIQ	110.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

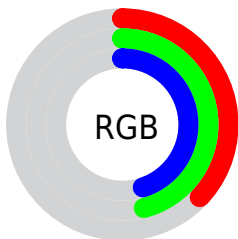
Format	Color
R_{YB}	94, 107, 118
Decimal	6190707
CIE _{Lab}	47.72, -9.42, -1.25
CIE _{LCh}	48, 9.507, 187.562
Yxy	16.5744, 0.2870, 0.3353
Android (android.graphics.Color)	4284380787 (0xFF5E7673)
YUV	110.4820, 2.2274, -14.4547
Hunter-Lab	40.7117, -9.0433, 1.3079

Details

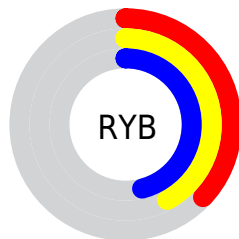
The Yxy color **16.5744, 0.2870, 0.3353** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7157, 0.3460, 0.3228**, and the grayscale version is **15.7340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5592, 0.2932, 0.3334**, and **5.3899, 0.2754, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **15.9646, 0.2755, 0.3388**, and if you desaturate by 10%, it is **17.2815, 0.2993, 0.3321**.

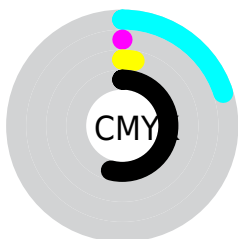
Distribution



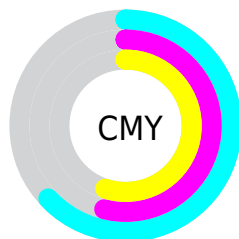
- Red (37%)
- Green (46%)
- Blue (45%)



- Red (37%)
- Yellow (42%)
- Blue (46%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (63%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.5744, 0.2870, 0.3353 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 16.5744, 0.2870, 0.3353 by changing the saturation by 10% instead.


 16.5744, 0.2870,
0.3353


 16.5744, 0.2870,
0.3353


232.7077, 0.3020,
0.3317


 9.9315, 0.2823,
0.3364


 37.5926, 0.2931,
0.3339


 5.3536, 0.2754,
0.3380

 52.7366, 0.2952,
0.3334

 2.4562, 0.2646,
0.3404

 71.4832, 0.2969,
0.3329

 0.8546, 0.2371,
0.3480

 94.2167, 0.2983,
0.3326

 0.0000, 0.0000,
0.0000

121.3215, 0.2994,
0.3323

153.1820, 0.3004,

0.3321

190.1826, 0.3013,
0.3319

■ 16.5744, 0.2870,
0.3353

■ 16.5744, 0.2870,
0.3353

■ 15.9646, 0.2755,
0.3388

■ 17.2815, 0.2993,
0.3321

■ 15.4458, 0.2652,
0.3425

■ 18.0879, 0.3122,
0.3291

■ 15.0139, 0.2562,
0.3464

■ 18.9980, 0.3255,
0.3264

■ 14.6639, 0.2487,
0.3504

■ 20.0156, 0.3390,
0.3240

■ 14.3902, 0.2429,
0.3546

■ 21.1440, 0.3524,
0.3219

■ 14.1864, 0.2389,
0.3588

■ 22.3866, 0.3656,
0.3200

■ 14.0454, 0.2366,
0.3629

■ 23.7465, 0.3785,
0.3183

■ 13.9428, 0.2353,
0.3670

■ 25.2266, 0.3911,
0.3169

■ 26.8300, 0.4031,
0.3157

Harmonies

Analogous

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



16.5744, 0.3029, 0.3513



16.5744, 0.2870, 0.3353



16.5744, 0.2780, 0.3180

Triad

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



16.5744, 0.2870, 0.3353



16.5744, 0.3029, 0.2994



16.5744, 0.3485, 0.3525

Complementary

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



16.5744, 0.2870, 0.3353



12.7157, 0.3460, 0.3228

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.



16.5744, 0.3487, 0.3383



16.5744, 0.2870, 0.3353



16.5744, 0.3219, 0.3082

Square

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



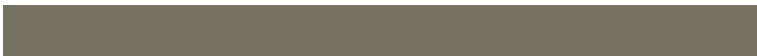
16.5744, 0.2870, 0.3353



16.5744, 0.2870, 0.2979



16.5744, 0.3388, 0.3222



16.5744, 0.3385, 0.3611

Rectangle

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



16.5744, 0.2870, 0.3353



16.5744, 0.2770, 0.3083



16.5744, 0.3388, 0.3222



16.5744, 0.3498, 0.3482

Sweetspot

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



16.5751, 0.2870, 0.3353



30.9576, 0.3047, 0.3308



16.3179, 0.3143, 0.3813



7.1026, 0.3041, 0.3309



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



16.5751, 0.2870, 0.3353



28.6655, 0.2820, 0.3367



14.6657, 0.2827, 0.3100



4.1478, 0.3010, 0.3317



15.0804, 0.2353, 0.3671



73.4022, 0.2359, 0.3694

Inverse Universe

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



12.7157, 0.3460, 0.3228



20.7053, 0.3549, 0.3215



14.3180, 0.3473, 0.3473



3.7076, 0.3258, 0.3264



4.2023, 0.6182, 0.3179



20.4061, 0.6271, 0.3228

Previews

White Background



This preview shows how the Yxy color 16.5744, 0.2870, 0.3353 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 16.5744, 0.2870, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

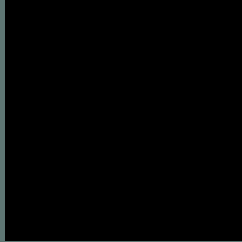
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.5744, 0.2870, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 16.5744, 0.2870, 0.3353.



This preview shows how white text looks on a background with the Yxy color 16.5744, 0.2870, 0.3353.

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

16.5744, 0.2870, 0.3353

Protanopia

16.4030, 0.3167, 0.3290

Deuteranopia

16.5738, 0.3201, 0.3155



Tritanopia

16.4839, 0.2775, 0.3084

Trichromacy



Original Color

16.5744, 0.2870, 0.3353

Protanomaly

16.3527, 0.3049, 0.3310

Deuteranomaly

16.5160, 0.3078, 0.3230

Tritanomaly

16.5606, 0.2807, 0.3185

Monochromacy



Original Color

16.5744, 0.2870, 0.3353

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.9232, 0.3023, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.5744, 0.2870, 0.3353 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(94, 118, 115) looks like.

```
.text, #text, p{  
  color:rgb(94, 118, 115)  
}
```

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(94, 118, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 118, 115) }
```

Border

The CSS property to change the border of an element to Yxy 16.5744, 0.2870, 0.3353 is called "border". The border property can be set on classes, ids or directly on the HTML element.

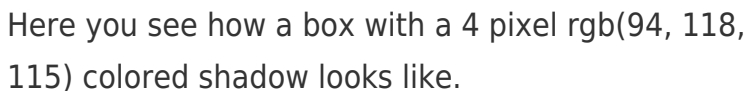
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 118, 115) }
```

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

```
.border{ border-color:rgb(94, 118, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 118, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 118, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 118, 115);  
box-shadow:4px 4px 4px 4px rgb(94, 118,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 16.5744, 0.2870, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 118, 115) }
```

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

```
.background{ background-color: rgb(94, 118,  
115) }
```

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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