

Converting Colors

$Y_{xy}(15.6488, 0.3316, 0.4194)$

Have a look what the booklet for
Yxy(15.6488, 0.3316, 0.4194)
contains.

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Color

$Y_{xy}(15.6773, 0.3323, 0.4206)$

Conversions

Conversions Part 1

Format	Color
Hex	5F754C
RGB	95, 117, 76
RGB Percent	37%, 46%, 30%
CMY	0.6274, 0.5412, 0.7020
CMYK	0.19, 0.00, 0.35, 0.54
HSL	92°, 21%, 38%
HSV	92°, 35%, 46%
XYZ	12.3860, 15.6773, 9.2103
YIQ	105.7480, 0.0490, -17.4150

Conversions

Conversions Part 2

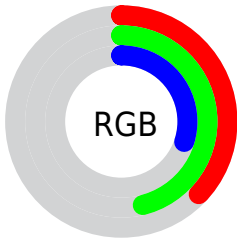
Format	Color
R_{YB}	76, 117, 98
Decimal	6255948
CIE _{Lab}	46.55, -16.11, 20.05
CIE _{LCh}	47, 25.718, 128.786
Yxy	15.6773, 0.3323, 0.4206
Android (android.graphics.Color)	4284446028 (0xFF5F754C)
YUV	105.7480, -14.6658, -9.4260
Hunter-Lab	39.5946, -13.4518, 13.9244

Details

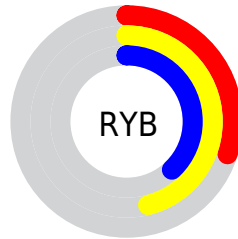
The Yxy color **15.6773, 0.3323, 0.4206** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.0491, 0.2859, 0.2389**, and the grayscale version is **14.3823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9676, 0.3287, 0.3975**, and **4.9836, 0.3376, 0.4681** is the 20% darker color. If you saturate the color by 10%, you get **15.2071, 0.3367, 0.4496**, and if you desaturate by 10%, it is **16.2055, 0.3271, 0.3924**.

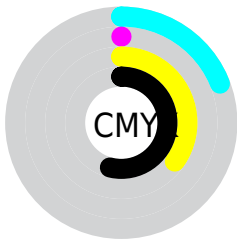
Distribution



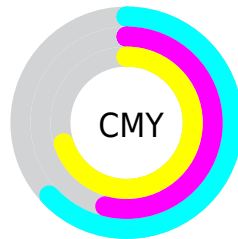
- Red (37%)
- Green (46%)
- Blue (30%)



- Red (30%)
- Yellow (46%)
- Blue (38%)



- Cyan (19%)
- Magenta (0%)
- Yellow (35%)
- Black (54%)




- Cyan (63%)
- Magenta (54%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6773, 0.3323, 0.4206 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 15.6773, 0.3323, 0.4206 by changing the saturation by 10% instead.


 15.6773, 0.3323,
0.4206


 15.6773, 0.3323,
0.4206


227.4299, 0.3219,
0.3649


 9.2961, 0.3347,
0.4394


 36.0371, 0.3285,
0.3972


 4.9348, 0.3372,
0.4675

 50.7844, 0.3271,
0.3894

 2.2091, 0.3420,
0.5187

 69.0893, 0.3259,
0.3833

 0.7249, 0.2898,
0.7102

 91.3360, 0.3249,
0.3782

 0.0000, 0.0000,
0.0000

 117.9091, 0.3240,
0.3740

149.1928, 0.3232,

0.3705

185.5716, 0.3225,
0.3675

■ 15.6773, 0.3323,
0.4206

■ 15.6773, 0.3323,
0.4206

■ 15.2071, 0.3367,
0.4496

■ 16.2055, 0.3271,
0.3924

■ 14.7907, 0.3400,
0.4783

■ 16.7918, 0.3215,
0.3656

■ 14.4263, 0.3418,
0.5055


■ 17.4389, 0.3157,
0.3408


■ 14.1113, 0.3418,
0.5298


■ 18.1486, 0.3098,
0.3180


■ 13.8427, 0.3400,
0.5499

■ 18.9227, 0.3042,
0.2973

 13.6160, 0.3364,
0.5653

 19.7629, 0.2987,
0.2787

 13.5140, 0.3346,
0.5726

 20.6710, 0.2935,
0.2620

 21.6483, 0.2887,
0.2471

 22.6966, 0.2841,
0.2338

Harmonies

Analogous

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



15.6773, 0.3797, 0.4174



15.6773, 0.3323, 0.4206



15.6773, 0.2819, 0.3923

Triad

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



15.6773, 0.3323, 0.4206



15.6773, 0.2225, 0.2602



15.6773, 0.3868, 0.3106

Complementary

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



15.6773, 0.3323, 0.4206



9.0491, 0.2859, 0.2389

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.



15.6773, 0.3387, 0.2760



15.6773, 0.3323, 0.4206



15.6773, 0.2453, 0.2471

Square

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



15.6773, 0.3323, 0.4206



15.6773, 0.2212, 0.2935



15.6773, 0.2866, 0.2533



15.6773, 0.4137, 0.3510

Rectangle

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



15.6773, 0.3323, 0.4206



15.6773, 0.2535, 0.3602



15.6773, 0.2866, 0.2533



15.6773, 0.3724, 0.2981

Sweetspot

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



15.6780, 0.3323, 0.4206



30.4919, 0.3193, 0.3561



13.0141, 0.3748, 0.3753



6.9839, 0.3199, 0.3586



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.



15.6780, 0.3323, 0.4206



27.3888, 0.3359, 0.4439



14.8001, 0.3066, 0.4244



4.1737, 0.3180, 0.3505



14.8804, 0.3342, 0.5728



72.0144, 0.3305, 0.5758

Inverse Universe

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



9.0491, 0.2859, 0.2389



13.6272, 0.2779, 0.2164



10.2031, 0.3187, 0.2492



3.6775, 0.3070, 0.3076



2.5608, 0.2129, 0.0947



11.9652, 0.2078, 0.0918

Previews

White Background



This preview shows how the Yxy color 15.6773, 0.3323, 0.4206 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 15.6773, 0.3323, 0.4206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

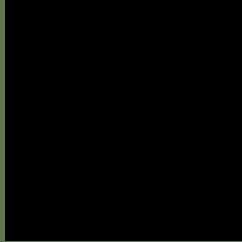
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6773, 0.3323, 0.4206

Background



This preview shows how black text looks on a background with the Yxy color 15.6773, 0.3323, 0.4206.



This preview shows how white text looks on a background with the Yxy color 15.6773, 0.3323, 0.4206.

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

15.6773, 0.3323, 0.4206

Protanopia

15.5548, 0.3738, 0.4041

Deuteranopia

15.4930, 0.3872, 0.3791



Tritanopia

15.7692, 0.2905, 0.3124

Trichromacy



Original Color

15.6773, 0.3323, 0.4206

Protanomaly

15.6197, 0.3574, 0.4114

Deuteranomaly

15.3389, 0.3664, 0.3926

Tritanomaly

15.6868, 0.3053, 0.3505

Monochromacy



Original Color

15.6773, 0.3323, 0.4206

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.8029, 0.3207, 0.3618

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6773, 0.3323, 0.4206 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(95, 117, 76)` looks like.

```
.text, #text, p{  
    color:rgb(95, 117, 76)  
}
```

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(95, 117, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 117, 76) }
```

Border

The CSS property to change the border of an element to Yxy 15.6773, 0.3323, 0.4206 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(95, 117, 76) }
```

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

```
.border{ border-color:rgb(95, 117, 76) }
```

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

Here you see how a box with a 4 pixel rgb(95, 117, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 117, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 117, 76);  
box-shadow:4px 4px 4px 4px rgb(95, 117,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6773, 0.3323, 0.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 117, 76) }
```

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

```
.background{ background-color: rgb(95, 117,  
76) }
```

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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