

Converting Colors

$Y_{xy}(15.2525, 0.2664, 0.3540)$

Have a look what the booklet for
Yxy(15.2525, 0.2664, 0.3540)
contains.

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Color

$Y_{xy}(15.2117, 0.2668, 0.3546)$

Conversions

Conversions Part 1

Format	Color
Hex	43766B
RGB	67, 118, 107
RGB Percent	26%, 46%, 42%
CMY	0.7374, 0.5372, 0.5804
CMYK	0.43, 0.00, 0.09, 0.54
HSL	167°, 28%, 36%
HSV	167°, 43%, 46%
XYZ	11.4452, 15.2117, 16.2413
YIQ	101.4970, -26.8650, -14.2330

Conversions

Conversions Part 2

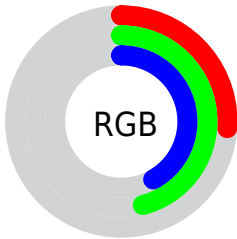
Format	Color
RYB	67, 96, 118
Decimal	4421227
CIELab	45.92, -20.00, 0.70
CIElCh	46, 20.014, 178.008
Yxy	15.2117, 0.2668, 0.3546
Android (android.graphics.Color)	4282611307 (0xFF43766B)
YUV	101.4970, 2.7130, -30.2539
Hunter-Lab	39.0022, -15.8728, 2.6120

Details

The Yxy color **15.2117, 0.2668, 0.3546** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.4128, 0.3943, 0.3057**, and the grayscale version is **13.1458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0696, 0.2782, 0.3482**, and **4.6840, 0.2446, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **14.7843, 0.2589, 0.3616**, and if you desaturate by 10%, it is **15.7269, 0.2760, 0.3479**.

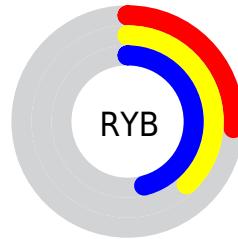
Distribution



Red (26%)

Green (46%)

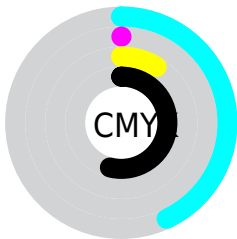
Blue (42%)



Red (26%)

Yellow (38%)

Blue (46%)

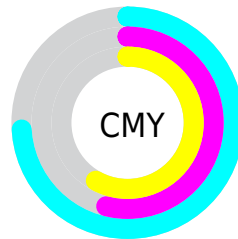


Cyan (43%)

Magenta (0%)

Yellow (9%)

Black (54%)



Cyan (74%)


Magenta (54%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2117, 0.2668, 0.3546 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 15.2117, 0.2668, 0.3546 by changing the saturation by 10% instead.


 15.2117, 0.2668,
0.3546


 15.2117, 0.2668,
0.3546


224.6440, 0.2939,
0.3394


 8.9681, 0.2580,
0.3595


 35.2241, 0.2780,
0.3483


 4.7204, 0.2452,
0.3668

 49.7618, 0.2817,
0.3462


 2.0841, 0.2246,
0.3786

 67.8328, 0.2848,
0.3445

 0.6557, 0.0927,
0.4504

 89.8218, 0.2872,
0.3432

 0.0000, 0.0000,
0.0000

 116.1130, 0.2893,
0.3420

147.0908, 0.2911,

0.3410

183.1397, 0.2926,
0.3402

■ 15.2117, 0.2668,
0.3546

■ 15.2117, 0.2668,
0.3546

■ 14.7843, 0.2589,
0.3616

■ 15.7269, 0.2760,
0.3479

■ 14.4376, 0.2526,
0.3689

■ 16.3329, 0.2862,
0.3417

■ 14.1665, 0.2479,
0.3764

■ 17.0346, 0.2973,
0.3359

■ 13.9644, 0.2451,
0.3840


■ 17.8363, 0.3089,
0.3306


■ 13.8229, 0.2439,
0.3916

■ 18.7418, 0.3208,
0.3258

 13.7409, 0.2435,
0.3967

 19.7547, 0.3329,
0.3215

 20.8786, 0.3449,
0.3177

 22.1168, 0.3568,
0.3143

 23.4725, 0.3684,
0.3113

Harmonies

Analogous

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



15.2117, 0.3030, 0.3882



15.2117, 0.2668, 0.3546



15.2117, 0.2436, 0.3148

Triad

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



15.2117, 0.2668, 0.3546



15.2117, 0.2791, 0.2647



15.2117, 0.3933, 0.3682

Complementary

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



15.2117, 0.2668, 0.3546



8.4128, 0.3943, 0.3057

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.



15.2117, 0.3869, 0.3358



15.2117, 0.2668, 0.3546



15.2117, 0.3185, 0.2785

Square

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



15.2117, 0.2668, 0.3546



15.2117, 0.2504, 0.2656



15.2117, 0.3587, 0.3039



15.2117, 0.3768, 0.3934

Rectangle

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



15.2117, 0.2668, 0.3546



15.2117, 0.2378, 0.2920



15.2117, 0.3587, 0.3039



15.2117, 0.3939, 0.3578

Sweetspot

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



15.2123, 0.2668, 0.3546



29.9386, 0.2972, 0.3359



14.9844, 0.3198, 0.4506



6.8293, 0.2951, 0.3370



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.



15.2123, 0.2668, 0.3546



25.9890, 0.2589, 0.3617



12.3102, 0.2511, 0.2948



4.1424, 0.3021, 0.3336



14.8618, 0.2436, 0.3970



72.2936, 0.2447, 0.4011

Inverse Universe

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



8.4128, 0.3943, 0.3057



12.3440, 0.4245, 0.3008



10.2062, 0.4044, 0.3602



3.7126, 0.3245, 0.3244



4.2433, 0.5952, 0.3052



20.5711, 0.6072, 0.3119

Previews

White Background



This preview shows how the Yxy color 15.2117, 0.2668, 0.3546 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 15.2117, 0.2668, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

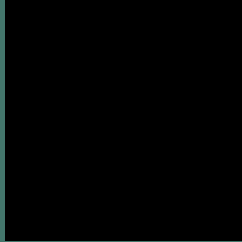
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 15.2117, 0.2668, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 15.2117, 0.2668, 0.3546.



This preview shows how white text looks on a background with the Yxy color 15.2117, 0.2668, 0.3546.

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

15.2117, 0.2668, 0.3546

Protanopia

15.1095, 0.3273, 0.3436

Deuteranopia

15.0805, 0.3244, 0.3190



Tritanopia

15.1199, 0.2537, 0.3068

Trichromacy



Original Color

15.2117, 0.2668, 0.3546

Protanomaly

15.0544, 0.3027, 0.3487

Deuteranomaly

14.9086, 0.2994, 0.3311

Tritanomaly

15.1009, 0.2586, 0.3243

Monochromacy



Original Color

15.2117, 0.2668, 0.3546

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.6185, 0.2936, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2117, 0.2668, 0.3546 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(67, 118, 107)` looks like.

```
.text, #text, p{  
    color:rgb(67, 118, 107)  
}
```

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(67, 118, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 118, 107) }
```

Border

The CSS property to change the border of an element to Yxy 15.2117, 0.2668, 0.3546 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(67, 118, 107) }
```

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

```
.border{ border-color:rgb(67, 118, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 118, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(67, 118, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(67, 118, 107); box-shadow:4px 4px 4px 4px rgb(67, 118, 107) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2117, 0.2668, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 118, 107) }
```

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

```
.background{ background-color: rgb(67, 118,  
107) }
```

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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