

Converting Colors

$Y_{xy}(14.9022, 0.2972, 0.3734)$

Have a look what the booklet for
Yxy(14.9022, 0.2972, 0.3734)
contains.

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Color

Yxy(15.0190, 0.2981, 0.3749)

Conversions

Conversions Part 1

Format	Color
Hex	55735F
RGB	85, 115, 95
RGB Percent	33%, 45%, 37%
CMY	0.6667, 0.5490, 0.6274
CMYK	0.26, 0.00, 0.17, 0.55
HSL	140°, 15%, 39%
HSV	140°, 26%, 45%
XYZ	11.9423, 15.0190, 13.1001
YIQ	103.7500, -11.4600, -12.5800

Conversions

Conversions Part 2

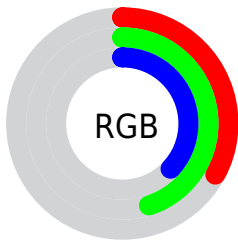
Format	Color
R_{YB}	85, 108, 115
Decimal	5600095
CIE _{Lab}	45.66, -15.35, 7.58
CIE _{LCh}	46, 17.115, 153.725
Yxy	15.0190, 0.2981, 0.3749
Android (android.graphics.Color)	4283790175 (0xFF55735F)
YUV	103.7500, -4.3137, -16.4437
Hunter-Lab	38.7544, -12.8147, 7.0864

Details

The Yxy color **15.0190, 0.2981, 0.3749** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.1594, 0.3311, 0.2872**, and the grayscale version is **13.7871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8327, 0.3021, 0.3638**, and **4.6674, 0.2906, 0.3992** is the 20% darker color. If you saturate the color by 10%, you get **14.3920, 0.2930, 0.3959**, and if you desaturate by 10%, it is **15.7485, 0.3036, 0.3558**.

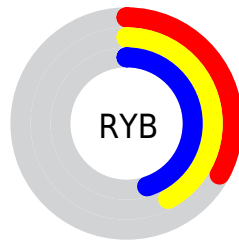
Distribution



Red (33%)

Green (45%)

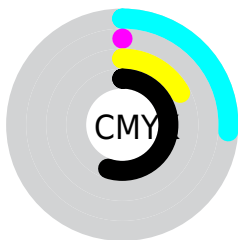
Blue (37%)



Red (33%)

Yellow (42%)

Blue (45%)

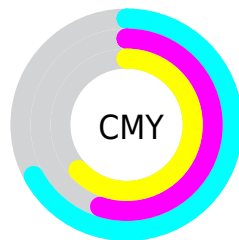


Cyan (26%)

Magenta (0%)

Yellow (17%)

Black (55%)



Cyan (67%)


Magenta (55%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0190, 0.2981, 0.3749 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 15.0190, 0.2981, 0.3749 by changing the saturation by 10% instead.


 15.0190, 0.2981,
0.3749


 15.0190, 0.2981,
0.3749


223.4812, 0.3071,
0.3470


 8.8327, 0.2949,
0.3844


 34.8865, 0.3019,
0.3631


 4.6322, 0.2901,
0.3990

 49.3365, 0.3032,
0.3593

 2.0331, 0.2816,
0.4237

 67.3099, 0.3042,
0.3562

 0.6266, 0.2209,
0.6265

 89.1911, 0.3050,
0.3536

 0.0000, 0.0000,
0.0000

 115.3644, 0.3057,
0.3516

146.2142, 0.3062,

0.3498

182.1250, 0.3067,
0.3483

■ 15.0190, 0.2981,
0.3749

■ 15.0190, 0.2981,
0.3749

■ 14.3920, 0.2930,
0.3959

■ 15.7485, 0.3036,
0.3558

■ 13.8609, 0.2885,
0.4185

■ 16.5828, 0.3092,
0.3386

■ 13.4214, 0.2849,
0.4424

■ 17.5267, 0.3149,
0.3232

■ 13.0681, 0.2824,
0.4669

■ 18.5840, 0.3205,
0.3097

■ 12.7948, 0.2814,
0.4913

■ 19.7584, 0.3259,
0.2978

■ 12.5948, 0.2819,
0.5146

■ 21.0533, 0.3311,
0.2873

■ 12.4544, 0.2838,
0.5359

■ 22.4721, 0.3360,
0.2781

■ 12.4051, 0.2844,
0.5437

■ 24.0180, 0.3406,
0.2701

■ 25.6941, 0.3450,
0.2631

Harmonies

Analogous

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



15.0190, 0.3329, 0.3907



15.0190, 0.2981, 0.3749



15.0190, 0.2683, 0.3446

Triad

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



15.0190, 0.2981, 0.3749



15.0190, 0.2626, 0.2729



15.0190, 0.3789, 0.3409

Complementary

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



15.0190, 0.2981, 0.3749



11.1594, 0.3311, 0.2872

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.



15.0190, 0.3580, 0.3124



15.0190, 0.2981, 0.3749



15.0190, 0.2899, 0.2745

Square

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



15.0190, 0.2981, 0.3749



15.0190, 0.2488, 0.2855



15.0190, 0.3248, 0.2887



15.0190, 0.3807, 0.3682

Rectangle

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



15.0190, 0.2981, 0.3749



15.0190, 0.2550, 0.3219



15.0190, 0.3248, 0.2887



15.0190, 0.3738, 0.3312

Sweetspot

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



15.0196, 0.2981, 0.3749



29.3614, 0.3080, 0.3420



15.9212, 0.3360, 0.3935



6.9579, 0.3073, 0.3442



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.



15.0196, 0.2981, 0.3749



26.2298, 0.2951, 0.3867



15.3189, 0.2817, 0.3400



4.1165, 0.3076, 0.3435



14.1769, 0.2847, 0.5449



68.9415, 0.2873, 0.5542

Inverse Universe

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



11.1594, 0.3311, 0.2872



18.1348, 0.3362, 0.2777



10.8781, 0.3560, 0.3183



3.7381, 0.3183, 0.3150



4.7684, 0.4232, 0.2105



23.0730, 0.4301, 0.2143

Previews

White Background



This preview shows how the Yxy color 15.0190, 0.2981, 0.3749 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 15.0190, 0.2981, 0.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

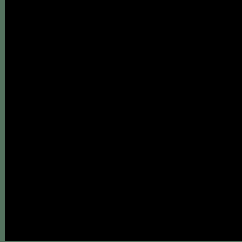
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0190, 0.2981, 0.3749

Background



This preview shows how black text looks on a background with the Yxy color 15.0190, 0.2981, 0.3749.



This preview shows how white text looks on a background with the Yxy color 15.0190, 0.2981, 0.3749.

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

15.0190, 0.2981, 0.3749

Protanopia

14.9912, 0.3421, 0.3647

Deuteranopia

14.9013, 0.3485, 0.3432



Tritanopia

14.8986, 0.2761, 0.3095

Trichromacy



Original Color

15.0190, 0.2981, 0.3749

Protanomaly

15.0252, 0.3257, 0.3704

Deuteranomaly

14.8209, 0.3297, 0.3545

Tritanomaly

14.8107, 0.2837, 0.3311

Monochromacy



Original Color

15.0190, 0.2981, 0.3749

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

14.2061, 0.3066, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0190, 0.2981, 0.3749 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(85, 115, 95)` looks like.

```
.text, #text, p{  
    color:rgb(85, 115, 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(85, 115, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 115, 95) }
```

Border

The CSS property to change the border of an element to Yxy 15.0190, 0.2981, 0.3749 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(85, 115, 95) }
```

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

```
.border{ border-color:rgb(85, 115, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 115, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 115, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 115, 95);  
box-shadow:4px 4px 4px 4px rgb(85, 115,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0190, 0.2981, 0.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 115, 95) }
```

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

```
.background{ background-color: rgb(85, 115,  
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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