

Converting Colors

$Y_{xy}(15.3152, 0.2889, 0.3886)$

Have a look what the booklet for
Yxy(15.3152, 0.2889, 0.3886)
contains.

Yxy(15.2430, 0.2890, 0.3879)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.2430, 0.2890, 0.3879)

Conversions

Conversions Part 1

Format	Color
Hex	4B765D
RGB	75, 118, 93
RGB Percent	29%, 46%, 36%
CMY	0.7058, 0.5373, 0.6353
CMYK	0.36, 0.00, 0.21, 0.54
HSL	145°, 22%, 38%
HSV	145°, 36%, 46%
XYZ	11.3566, 15.2430, 12.6966
YIQ	102.2930, -17.6030, -16.8910

Conversions

Conversions Part 2

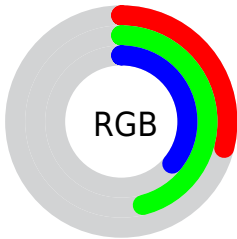
Format	Color
RYB	75, 105, 118
Decimal	4945501
CIELab	45.97, -20.82, 9.13
CIELCh	46, 22.736, 156.334
Yxy	15.2430, 0.2890, 0.3879
Android (android.graphics.Color)	4283135581 (0xFF4B765D)
YUV	102.2930, -4.5814, -23.9360
Hunter-Lab	39.0423, -16.4020, 8.0484

Details

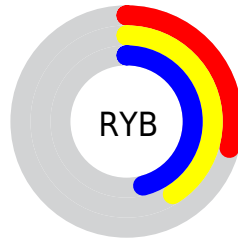
The Yxy color **15.2430, 0.2890, 0.3879** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.8074, 0.3471, 0.2770**, and the grayscale version is **13.3846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0926, 0.2951, 0.3726**, and **4.6945, 0.2757, 0.4184** is the 20% darker color. If you saturate the color by 10%, you get **14.6947, 0.2837, 0.4076**, and if you desaturate by 10%, it is **15.8918, 0.2950, 0.3696**.

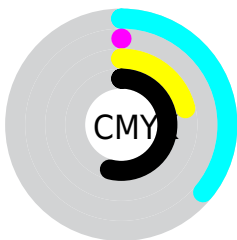
Distribution



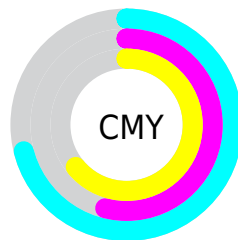
- Red (29%)
- Green (46%)
- Blue (36%)



- Red (29%)
- Yellow (41%)
- Blue (46%)



- Cyan (36%)
- Magenta (0%)
- Yellow (21%)
- Black (54%)




- Cyan (71%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2430, 0.2890, 0.3879 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 15.2430, 0.2890, 0.3879 by changing the saturation by 10% instead.


 15.2430, 0.2890,
0.3879


 15.2430, 0.2890,
0.3879


224.8324, 0.3036,
0.3519


 8.9901, 0.2839,
0.4003


 35.2789, 0.2952,
0.3727


 4.7347, 0.2761,
0.4193

 49.8307, 0.2972,
0.3677

 2.0925, 0.2626,
0.4517

 67.9176, 0.2988,
0.3637

 0.6604, 0.1386,
0.7673

 89.9240, 0.3001,
0.3605

 0.0000, 0.0000,
0.0000

 116.2343, 0.3012,
0.3578

147.2328, 0.3021,

0.3555

183.3041, 0.3029,
0.3536

■ 15.2430, 0.2890,
0.3879

■ 15.2430, 0.2890,
0.3879

■ 14.6947, 0.2837,
0.4076

■ 15.8918, 0.2950,
0.3696

■ 14.2398, 0.2794,
0.4285

■ 16.6439, 0.3016,
0.3529

■ 13.8733, 0.2765,
0.4501

■ 17.5045, 0.3083,
0.3378

■ 13.5889, 0.2751,
0.4719

■ 18.4777, 0.3152,
0.3244

■ 13.3793, 0.2754,
0.4931

■ 19.5677, 0.3219,
0.3124

■ 13.2300, 0.2772,
0.5133

■ 20.7780, 0.3286,
0.3018

■ 13.1813, 0.2778,
0.5203

■ 22.1124, 0.3349,
0.2926

■ 23.5743, 0.3411,
0.2844

■ 25.1669, 0.3469,
0.2773

Harmonies

Analogous

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



15.2430, 0.3345, 0.4110



15.2430, 0.2890, 0.3879



15.2430, 0.2517, 0.3453

Triad

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



15.2430, 0.2890, 0.3879



15.2430, 0.2498, 0.2555



15.2430, 0.4018, 0.3464

Complementary

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



15.2430, 0.2890, 0.3879



9.8074, 0.3471, 0.2770

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.



15.2430, 0.3758, 0.3099



15.2430, 0.2890, 0.3879



15.2430, 0.2860, 0.2596

Square

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



15.2430, 0.2890, 0.3879



15.2430, 0.2306, 0.2693



15.2430, 0.3323, 0.2791



15.2430, 0.4013, 0.3818

Rectangle

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



15.2430, 0.2890, 0.3879



15.2430, 0.2358, 0.3148



15.2430, 0.3323, 0.2791



15.2430, 0.3958, 0.3340

Sweetspot

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



15.2436, 0.2890, 0.3879



30.0204, 0.3050, 0.3449



16.1797, 0.3399, 0.4225



6.8669, 0.3043, 0.3465



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.



15.2436, 0.2890, 0.3879



25.9566, 0.2844, 0.4049



15.6780, 0.2674, 0.3369



4.1213, 0.3065, 0.3416



14.2580, 0.2780, 0.5209



69.3181, 0.2807, 0.5305

Inverse Universe

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



9.8074, 0.3471, 0.2770



14.8539, 0.3586, 0.2646



9.4454, 0.3876, 0.3215



3.7333, 0.3194, 0.3167



4.6248, 0.4555, 0.2283



22.3632, 0.4647, 0.2334

Previews

White Background



This preview shows how the Yxy color 15.2430, 0.2890, 0.3879 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 15.2430, 0.2890, 0.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

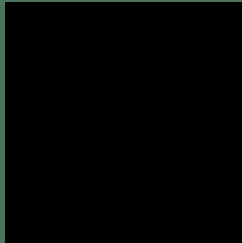
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2430, 0.2890, 0.3879

Background



This preview shows how black text looks on a background with the Yxy color 15.2430, 0.2890, 0.3879.

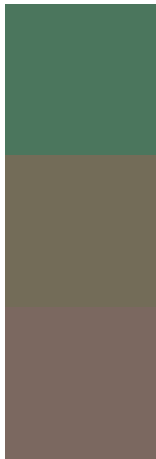


This preview shows how white text looks on a background with the Yxy color 15.2430, 0.2890, 0.3879.

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

15.2430, 0.2890, 0.3879

Protanopia

15.0745, 0.3491, 0.3707

Deuteranopia

14.9561, 0.3514, 0.3451



Tritanopia

15.2585, 0.2650, 0.3093

Trichromacy



Original Color

15.2430, 0.2890, 0.3879

Protanomaly

15.0359, 0.3238, 0.3775

Deuteranomaly

14.8277, 0.3265, 0.3592

Tritanomaly

15.0936, 0.2731, 0.3356

Monochromacy



Original Color

15.2430, 0.2890, 0.3879

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.9013, 0.3023, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2430, 0.2890, 0.3879 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(75, 118, 93)` looks like.

```
.text, #text, p{  
    color:rgb(75, 118, 93)  
}
```

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(75, 118, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 118, 93) }
```

Border

The CSS property to change the border of an element to Yxy 15.2430, 0.2890, 0.3879 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(75, 118, 93) }
```

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

```
.border{ border-color:rgb(75, 118, 93) }
```

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

Here you see how a box with a 4 pixel rgb(75, 118, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 118, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 118, 93);  
box-shadow:4px 4px 4px 4px rgb(75, 118,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2430, 0.2890, 0.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 118, 93) }
```

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

```
.background{ background-color: rgb(75, 118,  
93) }
```

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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