

Converting Colors

$Yxy(19.0469, 0.2345, 0.3038)$

Have a look what the booklet for
Yxy(19.0469, 0.2345, 0.3038)
contains.

Yxy(19.0565, 0.2347, 0.3042)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Y_{xy}(19.0565, 0.2347, 0.3042)$

Conversions

Conversions Part 1

Format	Color
Hex	38838F
RGB	56, 131, 143
RGB Percent	22%, 51%, 56%
CMY	0.7805, 0.4862, 0.4393
CMYK	0.61, 0.08, 0.00, 0.44
HSL	188°, 44%, 39%
HSV	188°, 61%, 56%
XYZ	14.7027, 19.0565, 28.8854
YIQ	109.9430, -48.5520, -12.1680

Conversions

Conversions Part 2

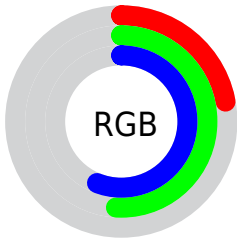
Format	Color
RYB	56, 96, 143
Decimal	3703695
CIELab	50.75, -19.33, -13.42
CIElCh	51, 23.527, 214.773
Yxy	19.0565, 0.2347, 0.3042
Android (android.graphics.Color)	4281893775 (0xFF38838F)
YUV	109.9430, 16.2971, -47.3080
Hunter-Lab	43.6538, -16.2748, -8.6742

Details


The Yxy color **19.0565, 0.2347, 0.3042** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10.2515, 0.4809, 0.3496**, and the grayscale version is **15.5361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7569, 0.2516, 0.3099**, and **6.6752, 0.2140, 0.2905** is the 20% darker color. If you saturate the color by 10%, you get **18.1788, 0.2266, 0.2995**, and if you desaturate by 10%, it is **20.0633, 0.2445, 0.3088**.

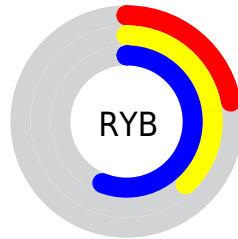
Distribution



 Red (22%)

 Green (51%)

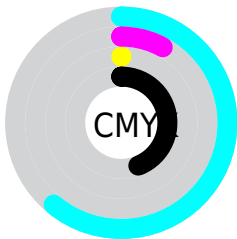
 Blue (56%)




 Red (22%)

 Yellow (38%)

 Blue (56%)

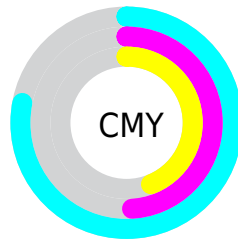



 Cyan (61%)

 Magenta (8%)

 Yellow (0%)

 Black (44%)



 Cyan (78%)

 Magenta (49%)

 Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0565, 0.2347, 0.3042 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 19.0565, 0.2347, 0.3042 by changing the saturation by 10% instead.

■ 19.0565, 0.2347,
0.3042

■ 19.0565, 0.2347,
0.3042

■ 246.7605, 0.2783,
0.3194

■ 11.7111, 0.2221,
0.2991

■ 41.8295, 0.2518,
0.3106

■ 6.5473, 0.2048,
0.2915

■ 58.0260, 0.2578,
0.3127

■ 3.1806, 0.1797,
0.2793

■ 77.9416, 0.2628,
0.3144

■ 1.2267, 0.1386,
0.2577

■ 101.9607, 0.2669,
0.3158

■ 0.0834, 0.0000,
0.0749

■ 130.4678, 0.2704,
0.3169

■ 0.0000, 0.0000,
0.0000

163.8472, 0.2734,

0.3179

202.4833, 0.2760,
0.3187

■ 19.0565, 0.2347,
0.3042

■ 19.0565, 0.2347,
0.3042

■ 18.1788, 0.2266,
0.2995

■ 20.0633, 0.2445,
0.3088

■ 17.4178, 0.2203,
0.2948

■ 21.2063, 0.2559,
0.3133

■ 16.7619, 0.2158,
0.2900

■ 22.4944, 0.2685,
0.3176

■ 16.2240, 0.2127,
0.2857

■ 23.9353, 0.2822,
0.3216

■ 25.5360, 0.2966,
0.3253

■ 27.3030, 0.3114,
0.3287

■ 29.2426, 0.3265,
0.3318

■ 31.3605, 0.3415,
0.3346

■ 33.6624, 0.3564,
0.3371

Harmonies

Analogous

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



19.0565, 0.2556, 0.3470



19.0565, 0.2347, 0.3042



19.0565, 0.2331, 0.2728

Triad

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



19.0565, 0.2347, 0.3042



19.0565, 0.3292, 0.2796



19.0565, 0.3753, 0.4031

Complementary

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



19.0565, 0.2347, 0.3042



10.2515, 0.4809, 0.3496

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.



19.0565, 0.3985, 0.3784



19.0565, 0.2347, 0.3042



19.0565, 0.3715, 0.3090

Square

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



19.0565, 0.2347, 0.3042



19.0565, 0.2850, 0.2615



19.0565, 0.3975, 0.3441



19.0565, 0.3360, 0.4080

Rectangle

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



19.0565, 0.2347, 0.3042



19.0565, 0.2428, 0.2613



19.0565, 0.3975, 0.3441



19.0565, 0.3854, 0.3965

Sweetspot

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



19.0572, 0.2347, 0.3042



43.5556, 0.2857, 0.3225



20.8935, 0.2961, 0.4957



9.8208, 0.2819, 0.3215



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



19.0572, 0.2347, 0.3042



32.0355, 0.2241, 0.2977



9.7811, 0.2133, 0.2073



5.9915, 0.2990, 0.3259



14.3697, 0.2128, 0.2860



0.1600, 0.2191, 0.3088

Inverse Universe

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



10.3024, 0.3386, 0.2072



15.5678, 0.3457, 0.1892



17.5102, 0.4281, 0.4227



5.4984, 0.3157, 0.3102



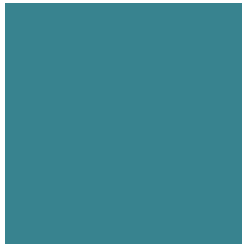
6.4370, 0.3580, 0.1746



0.0638, 0.3378, 0.1634

Previews

White Background



This preview shows how the Yxy color 19.0565, 0.2347, 0.3042 looks on a white 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

Black Background



This preview shows how the Yxy color 19.0565, 0.2347, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

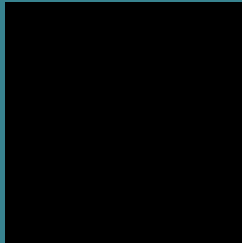
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0565, 0.2347, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 19.0565, 0.2347, 0.3042.

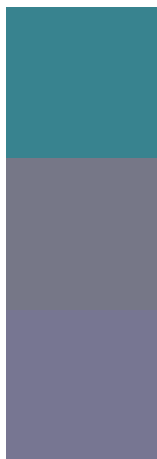


This preview shows how white text looks on a background with the Yxy color 19.0565, 0.2347, 0.3042.

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

19.0565, 0.2347, 0.3042

Protanopia

18.7945, 0.2936, 0.2992

Deuteranopia

18.9541, 0.2832, 0.2785



Tritanopia

18.9978, 0.2348, 0.3061

Trichromacy



Original Color

19.0565, 0.2347, 0.3042

Protanomaly

18.4338, 0.2662, 0.2994

Deuteranomaly

18.6970, 0.2609, 0.2867

Tritanomaly

18.9978, 0.2348, 0.3061

Monochromacy



Original Color

19.0565, 0.2347, 0.3042

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

16.5357, 0.2754, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0565, 0.2347, 0.3042 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(56, 131, 143)` looks like.

```
.text, #text, p{  
    color:rgb(56, 131, 143)  
}
```

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(56, 131, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 131, 143) }
```

Border

The CSS property to change the border of an element to Yxy 19.0565, 0.2347, 0.3042 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(56, 131, 143) }
```

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

```
.border{ border-color:rgb(56, 131, 143) }
```

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

Here you see how a box with a 4 pixel rgb(56, 131, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 131, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 131, 143);  
box-shadow:4px 4px 4px 4px rgb(56, 131,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0565, 0.2347, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 131, 143) }
```

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

```
.background{ background-color: rgb(56, 131,  
143) }
```

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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