

Converting Colors

$Y_{xy}(19.2356, 0.2431, 0.2948)$

Have a look what the booklet for
Yxy(19.2356, 0.2431, 0.2948)
contains.

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Color

$\text{Yxy}(19.2317, 0.2434, 0.2951)$

Conversions

Conversions Part 1

Format	Color
Hex	4A8192
RGB	74, 129, 146
RGB Percent	29%, 51%, 57%
CMY	0.7099, 0.4941, 0.4274
CMYK	0.49, 0.12, 0.00, 0.43
HSL	194°, 33%, 43%
HSV	194°, 49%, 57%
XYZ	15.8624, 19.2317, 30.0760
YIQ	114.4930, -38.2370, -6.3730

Conversions

Conversions Part 2

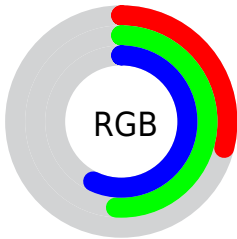
Format	Color
R_{YB}	74, 105, 146
Decimal	4882834
CIE _{Lab}	50.96, -13.33, -14.81
CIE _{LCh}	51, 19.921, 228.018
Yxy	19.2317, 0.2434, 0.2951
Android (android.graphics.Color)	4283072914 (0xFF4A8192)
YUV	114.4930, 15.5330, -35.5124
Hunter-Lab	43.8540, -12.1792, -9.9646

Details

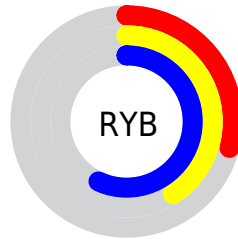
The Yxy color **19.2317, 0.2434, 0.2951** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.0880, 0.4291, 0.3591**, and the grayscale version is **16.9436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1381, 0.2584, 0.3033**, and **6.6737, 0.2175, 0.2820** is the 20% darker color. If you saturate the color by 10%, you get **17.8255, 0.2321, 0.2869**, and if you desaturate by 10%, it is **20.8046, 0.2560, 0.3029**.

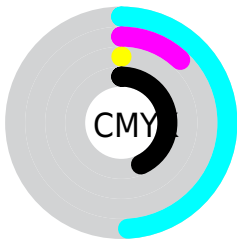
Distribution



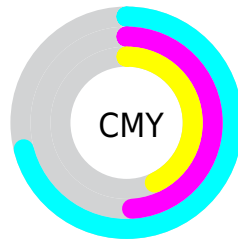
- Red (29%)
- Green (51%)
- Blue (57%)



- Red (29%)
- Yellow (41%)
- Blue (57%)



- Cyan (49%)
- Magenta (12%)
- Yellow (0%)
- Black (43%)



- Cyan (71%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.2317, 0.2434, 0.2951 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 19.2317, 0.2434, 0.2951 by changing the saturation by 10% instead.

■ 19.2317, 0.2434,
0.2951

■ 19.2317, 0.2434,
0.2951

■ 247.7249, 0.2822,
0.3152

■ 11.8378, 0.2321,
0.2887

■ 42.1253, 0.2586,
0.3033

■ 6.6333, 0.2166,
0.2796

■ 58.3937, 0.2640,
0.3061

■ 3.2339, 0.1940,
0.2653

■ 78.3892, 0.2684,
0.3083

■ 1.2550, 0.1587,
0.2406

■ 102.4960, 0.2721,
0.3102

■ 0.1060, 0.0000,
0.0835

■ 131.0986, 0.2752,
0.3117

■ 0.0000, 0.0000,
0.0000

164.5813, 0.2779,

0.3131

203.3286, 0.2802,
0.3142

■ 19.2317, 0.2434,
0.2951

■ 19.2317, 0.2434,
0.2951

■ 17.8255, 0.2321,
0.2869

■ 20.8046, 0.2560,
0.3029

■ 16.5740, 0.2224,
0.2785

■ 22.5507, 0.2697,
0.3103

■ 15.4669, 0.2145,
0.2700

■ 24.4790, 0.2840,
0.3172

■ 14.4916, 0.2084,
0.2614

■ 26.5970, 0.2988,
0.3236

■ 13.6178, 0.2038,
0.2529

■ 28.9117, 0.3137,
0.3294

■ 13.5608, 0.2034,
0.2524

■ 31.4299, 0.3286,
0.3346

■ 34.1578, 0.3432,
0.3393

■ 37.1016, 0.3574,
0.3434

■ 40.2669, 0.3711,
0.3471

Harmonies

Analogous

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



19.2317, 0.2544, 0.3281



19.2317, 0.2434, 0.2951



19.2317, 0.2495, 0.2741

Triad

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



19.2317, 0.2434, 0.2951



19.2317, 0.3435, 0.2971



19.2317, 0.3526, 0.3958

Complementary

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



19.2317, 0.2434, 0.2951



14.0880, 0.4291, 0.3591

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.



19.2317, 0.3790, 0.3821



19.2317, 0.2434, 0.2951



19.2317, 0.3742, 0.3253

Square

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



19.2317, 0.2434, 0.2951



19.2317, 0.3055, 0.2766



19.2317, 0.3874, 0.3559



19.2317, 0.3164, 0.3898

Rectangle

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



19.2317, 0.2434, 0.2951



19.2317, 0.2625, 0.2684



19.2317, 0.3874, 0.3559



19.2317, 0.3629, 0.3931

Sweetspot

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



19.2324, 0.2434, 0.2951



44.6376, 0.2899, 0.3199



22.7694, 0.2926, 0.4446



9.7772, 0.2872, 0.3186



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.



19.2324, 0.2434, 0.2951



31.2382, 0.2312, 0.2862



11.3935, 0.2292, 0.2187



6.3324, 0.2990, 0.3237



11.9660, 0.2036, 0.2528



0.1915, 0.2146, 0.2926

Inverse Universe

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



12.5929, 0.3440, 0.2372



18.7629, 0.3534, 0.2199



21.7355, 0.3974, 0.4182



5.8860, 0.3171, 0.3123



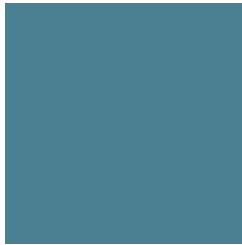
6.4013, 0.3895, 0.1919



0.0829, 0.3520, 0.1713

Previews

White Background



This preview shows how the Yxy color 19.2317, 0.2434, 0.2951 looks on a white background.

Color Contrast Check

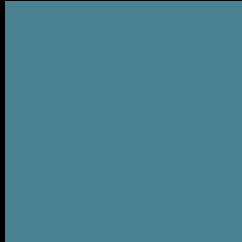
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2317, 0.2434, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

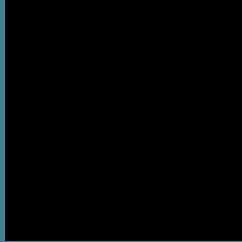
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2317, 0.2434, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 19.2317, 0.2434, 0.2951.



This preview shows how white text looks on a background with the Yxy color 19.2317, 0.2434, 0.2951.

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

19.2317, 0.2434, 0.2951

Protanopia

19.1083, 0.2872, 0.2922

Deuteranopia

19.0169, 0.2812, 0.2752



Tritanopia

19.2364, 0.2469, 0.3086

Trichromacy



Original Color

19.2317, 0.2434, 0.2951

Protanomaly

18.8856, 0.2685, 0.2926

Deuteranomaly

18.9092, 0.2658, 0.2820

Tritanomaly

19.3347, 0.2461, 0.3047

Monochromacy



Original Color

19.2317, 0.2434, 0.2951

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

17.3527, 0.2813, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2317, 0.2434, 0.2951 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(74, 129, 146)` looks like.

```
.text, #text, p{  
  color:rgb(74, 129, 146)  
}
```

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(74, 129, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 129, 146) }
```

Border

The CSS property to change the border of an element to Yxy 19.2317, 0.2434, 0.2951 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(74, 129, 146) }
```

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

```
.border{ border-color:rgb(74, 129, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 129, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 129, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 129, 146);  
box-shadow:4px 4px 4px 4px rgb(74, 129,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2317, 0.2434, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 129, 146) }
```

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

```
.background{ background-color: rgb(74, 129,  
146) }
```

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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