

Converting Colors

$Y_{xy}(18.4665, 0.2548, 0.3246)$

Have a look what the booklet for
Yxy(18.4665, 0.2548, 0.3246)
contains.

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Color

Yxy(18.4665, 0.2548, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	498082
RGB	73, 128, 130
RGB Percent	29%, 50%, 51%
CMY	0.7138, 0.4980, 0.4901
CMYK	0.44, 0.02, 0.00, 0.49
HSL	182°, 28%, 40%
HSV	182°, 44%, 51%
XYZ	14.4956, 18.4665, 23.9279
YIQ	111.7830, -33.4220, -11.0380

Conversions

Conversions Part 2

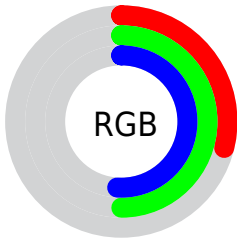
Format	Color
R_{YB}	73, 101, 130
Decimal	4817026
CIE _{Lab}	50.06, -17.59, -6.80
CIE _{LCh}	50, 18.860, 201.136
Yxy	18.4665, 0.2548, 0.3246
Android (android.graphics.Color)	4283007106 (0xFF498082)
YUV	111.7830, 8.9810, -34.0127
Hunter-Lab	42.9727, -14.9904, -2.9329

Details

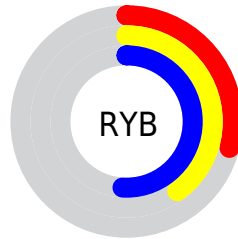
The Yxy color **18.4665, 0.2548, 0.3246** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10.2594, 0.4199, 0.3333**, and the grayscale version is **16.1156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.8266, 0.2677, 0.3259**, and **6.3245, 0.2317, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **17.8917, 0.2450, 0.3235**, and if you desaturate by 10%, it is **19.1495, 0.2661, 0.3257**.

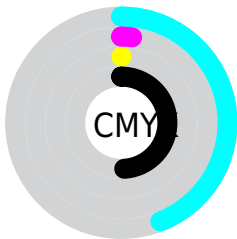
Distribution



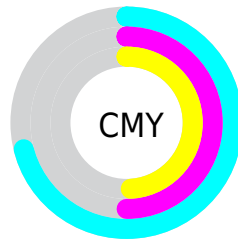
- Red (29%)
- Green (50%)
- Blue (51%)



- Red (29%)
- Yellow (40%)
- Blue (51%)



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)





- Cyan (71%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4665, 0.2548, 0.3246 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 18.4665, 0.2548, 0.3246 by changing the saturation by 10% instead.


 18.4665, 0.2548,
0.3246

 18.4665, 0.2548,
0.3246


243.4875, 0.2877,
0.3277


 11.2854, 0.2450,
0.3233


 40.8306, 0.2679,
0.3260


 6.2592, 0.2312,
0.3213


 56.7825, 0.2724,
0.3265


 3.0033, 0.2105,
0.3175

 76.4267, 0.2761,
0.3268

 1.1335, 0.1725,
0.3109

 100.1478, 0.2792,
0.3271

 0.0063, 0.0000,
0.0129

 128.3299, 0.2818,
0.3273

 0.0000, 0.0000,
0.0000

161.3577, 0.2841,

0.3275

199.6154, 0.2860,
0.3276

■ 18.4665, 0.2548,
0.3246

■ 18.4665, 0.2548,
0.3246

■ 17.8917, 0.2450,
0.3235

■ 19.1495, 0.2661,
0.3257

■ 17.4163, 0.2369,
0.3223

■ 19.9445, 0.2787,
0.3267

■ 17.0334, 0.2306,
0.3212


■ 20.8580, 0.2924,
0.3277

■ 16.7347, 0.2261,
0.3200

■ 21.8953, 0.3069,
0.3287

■ 16.5094, 0.2232,
0.3189


■ 23.0612, 0.3220,
0.3295

 16.3863, 0.2217,
0.3182

 24.3604, 0.3373,
0.3303

 25.7974, 0.3526,
0.3310

 27.3764, 0.3679,
0.3316

 29.1015, 0.3828,
0.3322

Harmonies

Analogous

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



18.4665, 0.2787, 0.3593



18.4665, 0.2548, 0.3246



18.4665, 0.2459, 0.2938

Triad

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



18.4665, 0.2548, 0.3246



18.4665, 0.3096, 0.2801



18.4665, 0.3744, 0.3821

Complementary

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



18.4665, 0.2548, 0.3246



10.2594, 0.4199, 0.3333

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.



18.4665, 0.3844, 0.3580



18.4665, 0.2548, 0.3246



18.4665, 0.3458, 0.3009

Square

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



18.4665, 0.2548, 0.3246



18.4665, 0.2761, 0.2706



18.4665, 0.3739, 0.3286



18.4665, 0.3477, 0.3934

Rectangle

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



18.4665, 0.2548, 0.3246



18.4665, 0.2491, 0.2797



18.4665, 0.3739, 0.3286



18.4665, 0.3799, 0.3751

Sweetspot

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



18.4672, 0.2548, 0.3246



36.8183, 0.2933, 0.3278



17.8935, 0.3049, 0.4548



8.2602, 0.2906, 0.3276



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



18.4672, 0.2548, 0.3246



31.4662, 0.2447, 0.3234



12.0647, 0.2444, 0.2610



4.8616, 0.2993, 0.3282



15.7076, 0.2217, 0.3182



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.0677, 0.3207, 0.2292



16.6861, 0.3226, 0.2085



15.0086, 0.3954, 0.3878



4.4099, 0.3142, 0.3085



5.9802, 0.3297, 0.1590



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 18.4665, 0.2548, 0.3246 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 18.4665, 0.2548, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

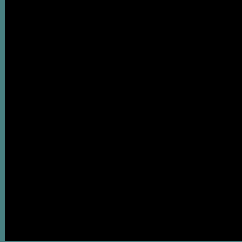
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

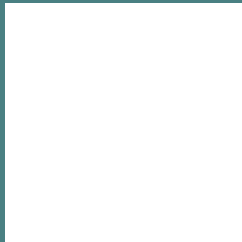
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 18.4665, 0.2548, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 18.4665, 0.2548, 0.3246.

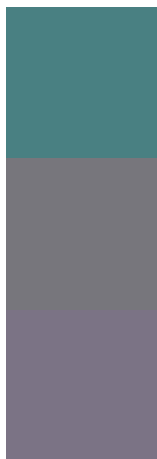


This preview shows how white text looks on a background with the Yxy color 18.4665, 0.2548, 0.3246.

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

18.4665, 0.2548, 0.3246

Protanopia

18.3340, 0.3070, 0.3176

Deuteranopia

18.1659, 0.3017, 0.2958



Tritanopia

18.4807, 0.2504, 0.3084

Trichromacy



Original Color

18.4665, 0.2548, 0.3246

Protanomaly

18.2502, 0.2850, 0.3210

Deuteranomaly

18.1021, 0.2820, 0.3055

Tritanomaly

18.3558, 0.2520, 0.3143

Monochromacy



Original Color

18.4665, 0.2548, 0.3246

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.8854, 0.2874, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4665, 0.2548, 0.3246 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(73, 128, 130)` looks like.

```
.text, #text, p{  
    color:rgb(73, 128, 130)  
}
```

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(73, 128, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 128, 130) }
```

Border

The CSS property to change the border of an element to Yxy 18.4665, 0.2548, 0.3246 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(73, 128, 130) }
```

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

```
.border{ border-color:rgb(73, 128, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 128, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 128, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 128, 130);  
box-shadow:4px 4px 4px 4px rgb(73, 128,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4665, 0.2548, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 128, 130) }
```

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

```
.background{ background-color: rgb(73, 128,  
130) }
```

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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