

Converting Colors

$Y_{xy}(19.0977, 0.2502, 0.3184)$

Have a look what the booklet for
Yxy(19.0977, 0.2502, 0.3184)
contains.

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Color

Yxy(19.0541, 0.2500, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	478287
RGB	71, 130, 135
RGB Percent	28%, 51%, 53%
CMY	0.7215, 0.4902, 0.4706
CMYK	0.47, 0.04, 0.00, 0.47
HSL	185°, 31%, 40%
HSV	185°, 47%, 53%
XYZ	14.9561, 19.0541, 25.8143
YIQ	112.9290, -36.7690, -10.9530

Conversions

Conversions Part 2

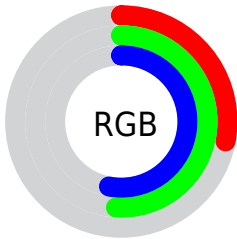
Format	Color
R_{YB}	71, 102, 135
Decimal	4686471
CIE Lab	50.75, -17.78, -8.70
CIE LCh	51, 19.793, 206.065
Yxy	19.0541, 0.2500, 0.3185
Android (android.graphics.Color)	4282876551 (0xFF478287)
YUV	112.9290, 10.8810, -36.7717
Hunter-Lab	43.6510, -15.2299, -4.5071

Details

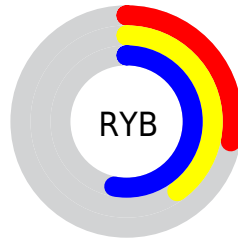
The Yxy color **19.0541, 0.2500, 0.3185** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10.7812, 0.4311, 0.3388**, and the grayscale version is **16.4689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7829, 0.2641, 0.3216**, and **6.4788, 0.2253, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **18.3197, 0.2403, 0.3160**, and if you desaturate by 10%, it is **19.9063, 0.2612, 0.3210**.

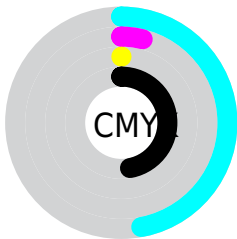
Distribution



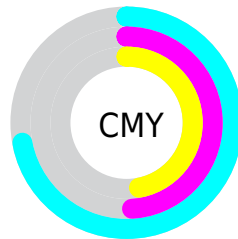
- Red (28%)
- Green (51%)
- Blue (53%)



- Red (28%)
- Yellow (40%)
- Blue (53%)



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (72%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0541, 0.2500, 0.3185 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 19.0541, 0.2500, 0.3185 by changing the saturation by 10% instead.

■ 19.0541, 0.2500,
0.3185

■ 19.0541, 0.2500,
0.3185

■ 246.7473, 0.2854,
0.3252

■ 11.7094, 0.2396,
0.3161

■ 41.8255, 0.2640,
0.3214

■ 6.5461, 0.2251,
0.3124

■ 58.0210, 0.2688,
0.3224

■ 3.1799, 0.2036,
0.3061

■ 77.9355, 0.2729,
0.3231

■ 1.2264, 0.1674,
0.2944

■ 101.9534, 0.2762,
0.3237

■ 0.0831, 0.0000,
0.1063

■ 130.4591, 0.2790,
0.3242

■ 0.0000, 0.0000,
0.0000

163.8371, 0.2814,

0.3246

202.4717, 0.2835,
0.3249

■ 19.0541, 0.2500,
0.3185

■ 19.0541, 0.2500,
0.3185

■ 18.3197, 0.2403,
0.3160

■ 19.9063, 0.2612,
0.3210

■ 17.6934, 0.2323,
0.3134

■ 20.8809, 0.2738,
0.3233

■ 17.1672, 0.2261,
0.3108

■ 21.9852, 0.2874,
0.3255

■ 16.7314, 0.2217,
0.3082

■ 23.2250, 0.3017,
0.3276

■ 16.3663, 0.2188,
0.3056

■ 24.6059, 0.3166,
0.3295

■ 16.2740, 0.2181,
0.3050

■ 26.1331, 0.3318,
0.3312

■ 27.8115, 0.3470,
0.3327

■ 29.6459, 0.3621,
0.3341

■ 31.6408, 0.3768,
0.3353

Harmonies

Analogous

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



19.0541, 0.2724, 0.3548



19.0541, 0.2500, 0.3185



19.0541, 0.2436, 0.2882

Triad

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



19.0541, 0.2500, 0.3185



19.0541, 0.3157, 0.2812



19.0541, 0.3732, 0.3871

Complementary

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



19.0541, 0.2500, 0.3185



10.7812, 0.4311, 0.3388

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.



19.0541, 0.3869, 0.3636



19.0541, 0.2500, 0.3185



19.0541, 0.3528, 0.3042

Square

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



19.0541, 0.2500, 0.3185



19.0541, 0.2798, 0.2692



19.0541, 0.3795, 0.3336



19.0541, 0.3433, 0.3960

Rectangle

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



19.0541, 0.2500, 0.3185



19.0541, 0.2488, 0.2752



19.0541, 0.3795, 0.3336



19.0541, 0.3799, 0.3805

Sweetspot

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



19.0548, 0.2500, 0.3185



40.0224, 0.2917, 0.3262



19.1832, 0.3025, 0.4625



9.1740, 0.2890, 0.3258



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



19.0548, 0.2500, 0.3185



32.6954, 0.2395, 0.3157



11.9671, 0.2377, 0.2492



5.2182, 0.2992, 0.3272



15.0133, 0.2181, 0.3051



0.0566, 0.2216, 0.3177

Inverse Universe

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



11.2733, 0.3256, 0.2255



17.1769, 0.3291, 0.2053



16.1816, 0.4022, 0.3964



4.7567, 0.3148, 0.3092



6.1025, 0.3410, 0.1652



0.0216, 0.3301, 0.1592

Previews

White Background



This preview shows how the Yxy color 19.0541, 0.2500, 0.3185 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 19.0541, 0.2500, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

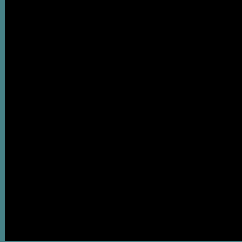
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

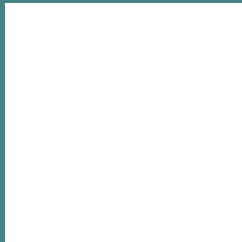
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.0541, 0.2500, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 19.0541, 0.2500, 0.3185.



This preview shows how white text looks on a background with the Yxy color 19.0541, 0.2500, 0.3185.

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

19.0541, 0.2500, 0.3185

Protanopia

18.9845, 0.3036, 0.3140

Deuteranopia

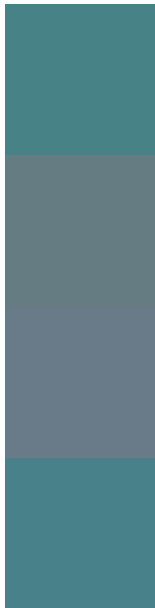
18.8426, 0.2974, 0.2909



Tritanopia

19.0104, 0.2472, 0.3065

Trichromacy



Original Color

19.0541, 0.2500, 0.3185

Protanomaly

18.8788, 0.2802, 0.3152

Deuteranomaly

18.7285, 0.2773, 0.3001

Tritanomaly

18.9132, 0.2480, 0.3104

Monochromacy



Original Color

19.0541, 0.2500, 0.3185

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

17.1708, 0.2854, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0541, 0.2500, 0.3185 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(71, 130, 135)` looks like.

```
.text, #text, p{  
    color:rgb(71, 130, 135)  
}
```

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(71, 130, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 130, 135) }
```

Border

The CSS property to change the border of an element to Yxy 19.0541, 0.2500, 0.3185 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(71, 130, 135) }
```

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

```
.border{ border-color:rgb(71, 130, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 130, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 130, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 130, 135);  
box-shadow:4px 4px 4px 4px rgb(71, 130,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0541, 0.2500, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 130, 135) }
```

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

```
.background{ background-color: rgb(71, 130,  
135) }
```

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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