

Converting Colors

$Y_{xy}(18.4520, 0.2641, 0.3342)$

Have a look what the booklet for
Yxy(18.4520, 0.2641, 0.3342)
contains.

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Color

$Y_{xy}(18.5813, 0.2641, 0.3351)$

Conversions

Conversions Part 1

Format	Color
Hex	4F807D
RGB	79, 128, 125
RGB Percent	31%, 50%, 49%
CMY	0.6903, 0.4980, 0.5097
CMYK	0.38, 0.00, 0.02, 0.50
HSL	176°, 24%, 41%
HSV	176°, 38%, 50%
XYZ	14.6443, 18.5813, 22.2244
YIQ	113.0070, -28.2410, -11.3210

Conversions

Conversions Part 2

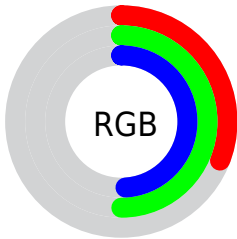
Format	Color
R_{YB}	79, 104, 128
Decimal	5210237
CIE _{Lab}	50.19, -17.27, -3.63
CIE _{LCh}	50, 17.646, 191.871
Yxy	18.5813, 0.2641, 0.3351
Android (android.graphics.Color)	4283400317 (0xFF4F807D)
YUV	113.0070, 5.9125, -29.8241
Hunter-Lab	43.1060, -14.7940, -0.3942

Details

The Yxy color **18.5813, 0.2641, 0.3351** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10.7854, 0.3962, 0.3233**, and the grayscale version is **16.5027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.0874, 0.2752, 0.3333**, and **6.3606, 0.2441, 0.3390** is the 20% darker color. If you saturate the color by 10%, you get **18.0654, 0.2542, 0.3369**, and if you desaturate by 10%, it is **19.2045, 0.2754, 0.3334**.

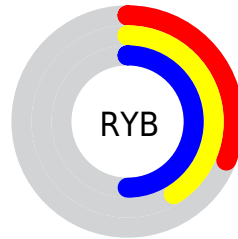
Distribution



Red (31%)

Green (50%)

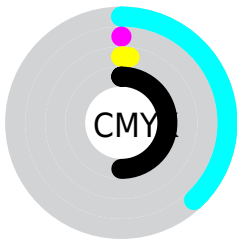
Blue (49%)



Red (31%)

Yellow (41%)

Blue (50%)

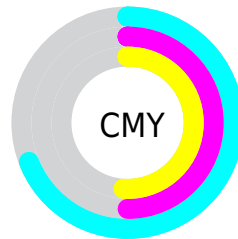


Cyan (38%)

Magenta (0%)

Yellow (2%)

Black (50%)



Cyan (69%)


Magenta (50%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.5813, 0.2641, 0.3351 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 18.5813, 0.2641, 0.3351 by changing the saturation by 10% instead.


 18.5813, 0.2641,
0.3351


 18.5813, 0.2641,
0.3351


244.1274, 0.2918,
0.3319


 11.3681, 0.2557,
0.3359


 41.0254, 0.2752,
0.3339


 6.3150, 0.2439,
0.3369


 57.0251, 0.2790,
0.3335

 3.0376, 0.2259,
0.3380

 76.7224, 0.2821,
0.3331

 1.1514, 0.1924,
0.3403

 100.5018, 0.2847,
0.3328

 0.0214, 0.0000,
0.0718

 128.7476, 0.2869,
0.3326

 0.0000, 0.0000,
0.0000

161.8442, 0.2888,

0.3323

200.1760, 0.2904,
0.3321

■ 18.5813, 0.2641,
0.3351

■ 18.5813, 0.2641,
0.3351

■ 18.0654, 0.2542,
0.3369

■ 19.2045, 0.2754,
0.3334

■ 17.6485, 0.2460,
0.3388

■ 19.9385, 0.2878,
0.3317

■ 17.3247, 0.2394,
0.3408


■ 20.7891, 0.3011,
0.3302

■ 17.0864, 0.2347,
0.3428


■ 21.7613, 0.3151,
0.3288

■ 16.9248, 0.2317,
0.3447

■ 22.8597, 0.3295,
0.3275


 16.8185, 0.2300,
0.3467

 24.0885, 0.3441,
0.3264

 16.8013, 0.2297,
0.3470

 25.4521, 0.3586,
0.3254

 26.9542, 0.3729,
0.3245

 28.5989, 0.3869,
0.3237

Harmonies

Analogous

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



18.5813, 0.2901, 0.3661



18.5813, 0.2641, 0.3351



18.5813, 0.2510, 0.3042

Triad

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



18.5813, 0.2641, 0.3351



18.5813, 0.2995, 0.2791



18.5813, 0.3752, 0.3728

Complementary

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



18.5813, 0.2641, 0.3351



10.7854, 0.3962, 0.3233

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.



18.5813, 0.3786, 0.3480



18.5813, 0.2641, 0.3351



18.5813, 0.3336, 0.2957

Square

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



18.5813, 0.2641, 0.3351



18.5813, 0.2706, 0.2741



18.5813, 0.3631, 0.3203



18.5813, 0.3545, 0.3876

Rectangle

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



18.5813, 0.2641, 0.3351



18.5813, 0.2508, 0.2884



18.5813, 0.3631, 0.3203



18.5813, 0.3785, 0.3653

Sweetspot

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



18.5820, 0.2641, 0.3351



36.1362, 0.2971, 0.3306



17.8084, 0.3111, 0.4386



8.4207, 0.2956, 0.3308



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.



18.5820, 0.2641, 0.3351



31.9078, 0.2554, 0.3367



13.6841, 0.2549, 0.2824



4.8825, 0.3000, 0.3303



16.6581, 0.2297, 0.3470



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.7854, 0.3962, 0.3233



16.1198, 0.4259, 0.3221



14.3098, 0.3861, 0.3710



4.3482, 0.3269, 0.3277



4.5675, 0.6302, 0.3245



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 18.5813, 0.2641, 0.3351 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 18.5813, 0.2641, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

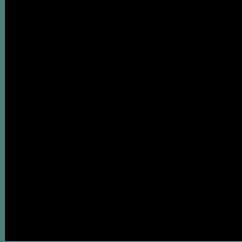
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.5813, 0.2641, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 18.5813, 0.2641, 0.3351.



This preview shows how white text looks on a background with the Yxy color 18.5813, 0.2641, 0.3351.

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

18.5813, 0.2641, 0.3351

Protanopia

18.3537, 0.3153, 0.3271

Deuteranopia

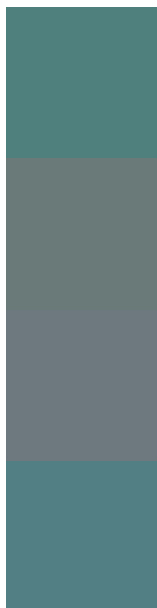
18.4849, 0.3112, 0.3069



Tritanopia

18.4931, 0.2567, 0.3086

Trichromacy



Original Color

18.5813, 0.2641, 0.3351

Protanomaly

18.3637, 0.2947, 0.3309

Deuteranomaly

18.2165, 0.2917, 0.3153

Tritanomaly

18.5940, 0.2595, 0.3186

Monochromacy



Original Color

18.5813, 0.2641, 0.3351

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

17.0079, 0.2930, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.5813, 0.2641, 0.3351 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(79, 128, 125)` looks like.

```
.text, #text, p{  
    color:rgb(79, 128, 125)  
}
```

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(79, 128, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 128, 125) }
```

Border

The CSS property to change the border of an element to Yxy 18.5813, 0.2641, 0.3351 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(79, 128, 125) }
```

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

```
.border{ border-color:rgb(79, 128, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 128, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 128, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 128, 125);  
box-shadow:4px 4px 4px 4px rgb(79, 128,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 18.5813, 0.2641, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 128, 125) }
```

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

```
.background{ background-color: rgb(79, 128,  
125) }
```

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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