

Converting Colors

$Y_{xy}(18.0865, 0.2515, 0.2897)$

Have a look what the booklet for
Yxy(18.0865, 0.2515, 0.2897)
contains.

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Color

$Y_{xy}(18.0339, 0.2517, 0.2891)$

Conversions

Conversions Part 1

Format	Color
Hex	547B8F
RGB	84, 123, 143
RGB Percent	33%, 48%, 56%
CMY	0.6704, 0.5177, 0.4392
CMYK	0.41, 0.14, 0.00, 0.44
HSL	200°, 26%, 45%
HSV	200°, 41%, 56%
XYZ	15.7009, 18.0339, 28.6446
YIQ	113.6190, -29.6640, -2.0480

Conversions

Conversions Part 2

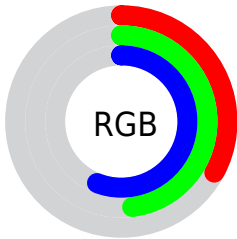
Format	Color
R_{YB}	84, 107, 143
Decimal	5536655
CIE _{Lab}	49.54, -8.14, -15.16
CIE _{LCh}	50, 17.205, 241.756
Yxy	18.0339, 0.2517, 0.2891
Android (android.graphics.Color)	4283726735 (0xFF547B8F)
YUV	113.6190, 14.4848, -25.9759
Hunter-Lab	42.4663, -8.3200, -10.2662

Details

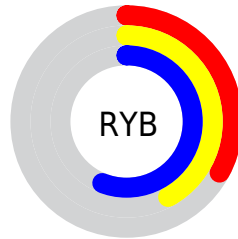
The Yxy color **18.0339, 0.2517, 0.2891** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **16.3965, 0.3984, 0.3651**, and the grayscale version is **16.6733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9254, 0.2651, 0.2976**, and **6.0112, 0.2264, 0.2694** is the 20% darker color. If you saturate the color by 10%, you get **16.2652, 0.2382, 0.2775**, and if you desaturate by 10%, it is **19.9985, 0.2661, 0.3001**.

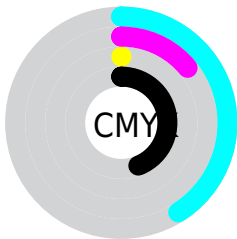
Distribution



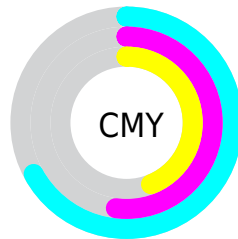
- Red (33%)
- Green (48%)
- Blue (56%)



- Red (33%)
- Yellow (42%)
- Blue (56%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (44%)



- Cyan (67%)
- Magenta (52%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.0339, 0.2517, 0.2891 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 18.0339, 0.2517, 0.2891 by changing the saturation by 10% instead.

■ 18.0339, 0.2517,
0.2891

■ 18.0339, 0.2517,
0.2891

■ 241.0621, 0.2863,
0.3125

■ 10.9743, 0.2414,
0.2818

■ 40.0951, 0.2654,
0.2986

■ 6.0496, 0.2271,
0.2713

■ 55.8655, 0.2702,
0.3018

■ 2.8752, 0.2058,
0.2551

■ 75.3083, 0.2741,
0.3045

■ 1.0670, 0.1715,
0.2273

■ 98.8079, 0.2774,
0.3066

■ 0.0000, 0.0000,
0.0000

■ 126.7486, 0.2801,
0.3084

159.5150, 0.2825,

0.3100

197.4913, 0.2845,
0.3113

■ 18.0339, 0.2517,
0.2891

■ 18.0339, 0.2517,
0.2891

■ 16.2652, 0.2382,
0.2775

■ 19.9985, 0.2661,
0.3001

■ 14.6813, 0.2258,
0.2653

■ 22.1653, 0.2809,
0.3102

■ 13.2728, 0.2149,
0.2527

■ 24.5429, 0.2959,
0.3196

■ 12.0283, 0.2058,
0.2400

■ 27.1386, 0.3109,
0.3280

■ 10.9349, 0.1987,
0.2274

■ 29.9594, 0.3256,
0.3356

■ 10.0697, 0.1935,
0.2164

■ 33.0117, 0.3398,
0.3424

■ 36.3020, 0.3534,
0.3485

■ 39.8362, 0.3664,
0.3538

■ 43.6201, 0.3788,
0.3584

Harmonies

Analogous

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



18.0339, 0.2546, 0.3142



18.0339, 0.2517, 0.2891



18.0339, 0.2639, 0.2761

Triad

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



18.0339, 0.2517, 0.2891



18.0339, 0.3537, 0.3117



18.0339, 0.3341, 0.3876

Complementary

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



18.0339, 0.2517, 0.2891



16.3965, 0.3984, 0.3651

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.



18.0339, 0.3623, 0.3833



18.0339, 0.2517, 0.2891



18.0339, 0.3745, 0.3386

Square

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



18.0339, 0.2517, 0.2891



18.0339, 0.3219, 0.2896



18.0339, 0.3775, 0.3647



18.0339, 0.3011, 0.3738

Rectangle

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



18.0339, 0.2517, 0.2891



18.0339, 0.2796, 0.2751



18.0339, 0.3775, 0.3647



18.0339, 0.3445, 0.3881

Sweetspot

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



18.0346, 0.2517, 0.2891



43.4902, 0.2944, 0.3186



22.5293, 0.2902, 0.4095



9.8596, 0.2927, 0.3176



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.



18.0346, 0.2517, 0.2891



29.4832, 0.2397, 0.2789



11.8543, 0.2421, 0.2276



5.8121, 0.2990, 0.3214



8.9416, 0.1936, 0.2170



0.1264, 0.2093, 0.2736

Inverse Universe

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



13.6190, 0.3469, 0.2614



21.0034, 0.3571, 0.2475



23.3075, 0.3783, 0.4131



5.4803, 0.3185, 0.3146



5.8890, 0.4264, 0.2123



0.0604, 0.3694, 0.1809

Previews

White Background



This preview shows how the Yxy color 18.0339, 0.2517, 0.2891 looks on a white 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

Black Background



This preview shows how the Yxy color 18.0339, 0.2517, 0.2891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

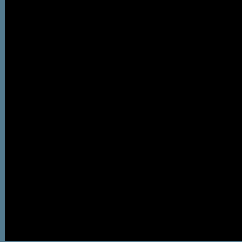
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0339, 0.2517, 0.2891

Background



This preview shows how black text looks on a background with the Yxy color 18.0339, 0.2517, 0.2891.



This preview shows how white text looks on a background with the Yxy color 18.0339, 0.2517, 0.2891.

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

18.0339, 0.2517, 0.2891

Protanopia

17.8656, 0.2834, 0.2857

Deuteranopia

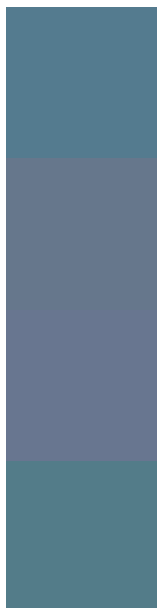
17.9506, 0.2794, 0.2738



Tritanopia

17.9304, 0.2578, 0.3084

Trichromacy



Original Color

18.0339, 0.2517, 0.2891

Protanomaly

17.9119, 0.2707, 0.2884

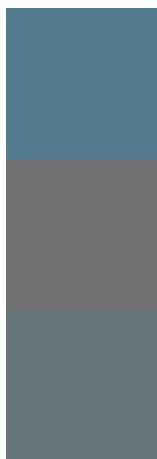
Deuteranomaly

17.9135, 0.2688, 0.2796

Tritanomaly

18.0604, 0.2561, 0.3025

Monochromacy



Original Color

18.0339, 0.2517, 0.2891

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

17.0868, 0.2867, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0339, 0.2517, 0.2891 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(84, 123, 143)` looks like.

```
.text, #text, p{  
    color:rgb(84, 123, 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(84, 123, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 123, 143) }
```

Border

The CSS property to change the border of an element to Yxy 18.0339, 0.2517, 0.2891 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(84, 123, 143) }
```

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

```
.border{ border-color:rgb(84, 123, 143) }
```

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

Here you see how a box with a 4 pixel rgb(84, 123, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 123, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 123, 143);  
box-shadow:4px 4px 4px 4px rgb(84, 123,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0339, 0.2517, 0.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 123, 143) }
```

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

```
.background{ background-color: rgb(84, 123,  
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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