

Converting Colors

$Y_{xy}(18.5772, 0.2734, 0.2789)$

Have a look what the booklet for
Yxy(18.5772, 0.2734, 0.2789)
contains.

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Color

Yxy(18.5840, 0.2734, 0.2790)

Conversions

Conversions Part 1

Format	Color
Hex	6E7792
RGB	110, 119, 146
RGB Percent	43%, 47%, 57%
CMY	0.5688, 0.5333, 0.4275
CMYK	0.25, 0.18, 0.00, 0.43
HSL	225°, 14%, 50%
HSV	225°, 25%, 57%
XYZ	18.2110, 18.5840, 29.8143
YIQ	119.3870, -14.0310, 6.4890

Conversions

Conversions Part 2

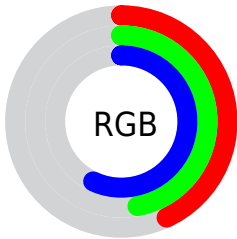
Format	Color
R _Y B	110, 117, 146
Decimal	7239570
CIE Lab	50.20, 2.92, -15.74
CIE LCh	50, 16.008, 280.502
Yxy	18.5840, 0.2734, 0.2790
Android (android.graphics.Color)	4285429650 (0xFF6E7792)
YUV	119.3870, 13.1202, -8.2324
Hunter-Lab	43.1092, -0.0357, -10.8286

Details

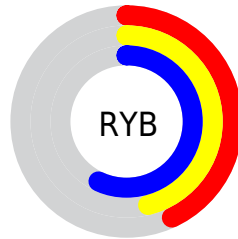
The Yxy color **18.5840, 0.2734, 0.2790** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.1066, 0.3520, 0.3744**, and the grayscale version is **18.5363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9773, 0.2823, 0.2900**, and **6.3248, 0.2571, 0.2604** is the 20% darker color. If you saturate the color by 10%, you get **15.2704, 0.2556, 0.2549**, and if you desaturate by 10%, it is **22.3526, 0.2902, 0.3009**.

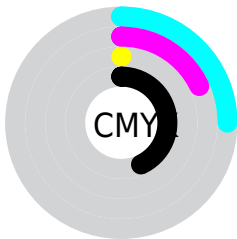
Distribution



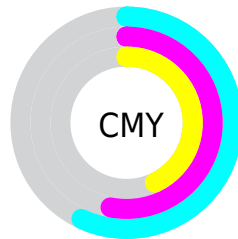
- Red (43%)
- Green (47%)
- Blue (57%)



- Red (43%)
- Yellow (46%)
- Blue (57%)



- Cyan (25%)
- Magenta (18%)
- Yellow (0%)
- Black (43%)



- Cyan (57%)
- Magenta (53%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.5840, 0.2734, 0.2790 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 18.5840, 0.2734, 0.2790 by changing the saturation by 10% instead.

■ 18.5840, 0.2734,
0.2790

■ 18.5840, 0.2734,
0.2790

■ 244.1425, 0.2959,
0.3073

■ 11.3701, 0.2666,
0.2706

■ 41.0300, 0.2824,
0.2902

■ 6.3163, 0.2570,
0.2589

■ 57.0308, 0.2855,
0.2941

■ 3.0384, 0.2425,
0.2414

■ 76.7294, 0.2880,
0.2973

■ 1.1518, 0.2185,
0.2129

■ 100.5101, 0.2902,
0.3000

■ 0.0218, 0.0737,
0.0175

■ 128.7574, 0.2919,
0.3023

■ 0.0000, 0.0000,
0.0000

161.8556, 0.2934,

0.3042

200.1892, 0.2948,
0.3059

■ 18.5840, 0.2734,
0.2790

■ 18.5840, 0.2734,
0.2790

■ 15.2704, 0.2556,
0.2549

■ 22.3526, 0.2902,
0.3009

■ 12.3920, 0.2373,
0.2289

■ 26.5906, 0.3059,
0.3206

■ 9.9305, 0.2191,
0.2016

■ 31.3145, 0.3202,
0.3380

■ 7.8658, 0.2017,
0.1740

■ 36.5393, 0.3332,
0.3533

■ 6.1757, 0.1860,
0.1472

■ 42.2795, 0.3450,
0.3667

■ 4.8357, 0.1730,
0.1227

■ 48.5488, 0.3555,
0.3783

■ 3.8170, 0.1633,
0.1017

■ 55.3605, 0.3650,
0.3885

■ 3.3783, 0.1589,
0.0919

■ 62.7273, 0.3735,
0.3973

■ 70.6616, 0.3811,
0.4050

Harmonies

Analogous

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



18.5840, 0.2582, 0.2875



18.5840, 0.2734, 0.2790



18.5840, 0.2994, 0.2830

Triad

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



18.5840, 0.2734, 0.2790



18.5840, 0.3722, 0.3454



18.5840, 0.2936, 0.3636

Complementary

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



18.5840, 0.2734, 0.2790



25.1066, 0.3520, 0.3744

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.



18.5840, 0.3237, 0.3807



18.5840, 0.2734, 0.2790



18.5840, 0.3699, 0.3681

Square

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



18.5840, 0.2734, 0.2790



18.5840, 0.3574, 0.3201



18.5840, 0.3519, 0.3818



18.5840, 0.2694, 0.3360

Rectangle

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



18.5840, 0.2734, 0.2790



18.5840, 0.3200, 0.2918



18.5840, 0.3519, 0.3818



18.5840, 0.3033, 0.3709

Sweetspot

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



18.5847, 0.2734, 0.2790



44.9962, 0.3021, 0.3160



25.6537, 0.2858, 0.3462



9.9259, 0.3014, 0.3150



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.



18.5847, 0.2734, 0.2790



29.2290, 0.2630, 0.2649



17.0963, 0.2817, 0.2634



5.8558, 0.2989, 0.3120



3.0051, 0.1591, 0.0928



0.0780, 0.1799, 0.1676

Inverse Universe

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



18.5858, 0.3500, 0.3135



29.3926, 0.3621, 0.3095



27.0451, 0.3393, 0.3904



5.8379, 0.3245, 0.3235



5.4967, 0.5869, 0.3007



0.0714, 0.4836, 0.2437

Previews

White Background



This preview shows how the Yxy color 18.5840, 0.2734, 0.2790 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 18.5840, 0.2734, 0.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

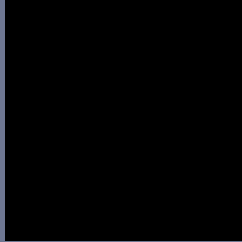
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

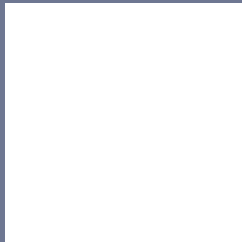
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 18.5840, 0.2734, 0.2790

Background



This preview shows how black text looks on a background with the Yxy color 18.5840, 0.2734, 0.2790.



This preview shows how white text looks on a background with the Yxy color 18.5840, 0.2734, 0.2790.

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

18.5840, 0.2734, 0.2790

Protanopia

18.5119, 0.2775, 0.2792

Deuteranopia

18.5798, 0.2808, 0.2763



Tritanopia

18.6836, 0.2854, 0.3115

Trichromacy



Original Color

18.5840, 0.2734, 0.2790

Protanomaly

18.4459, 0.2764, 0.2790

Deuteranomaly

18.6096, 0.2776, 0.2777

Tritanomaly

18.6405, 0.2814, 0.3003

Monochromacy



Original Color

18.5840, 0.2734, 0.2790

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.4916, 0.2977, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.5840, 0.2734, 0.2790 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(110, 119, 146)` looks like.

```
.text, #text, p{  
    color:rgb(110, 119, 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(110, 119, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 119, 146) }
```

Border

The CSS property to change the border of an element to Yxy 18.5840, 0.2734, 0.2790 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(110, 119, 146) }
```

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

```
.border{ border-color:rgb(110, 119, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 119, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 119, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 119, 146);  
box-shadow:4px 4px 4px 4px rgb(110, 119,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 18.5840, 0.2734, 0.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 119, 146) }
```

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

```
.background{ background-color: rgb(110,  
119, 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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