

Converting Colors

$Y_{xy}(17.6006, 0.2769, 0.2844)$

Have a look what the booklet for
Yxy(17.6006, 0.2769, 0.2844)
contains.

Yxy(17.5724, 0.2767, 0.2833)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.5724, 0.2767, 0.2833)

Conversions

Conversions Part 1

Format	Color
Hex	6C748C
RGB	108, 116, 140
RGB Percent	42%, 45%, 55%
CMY	0.5764, 0.5451, 0.4510
CMYK	0.23, 0.17, 0.00, 0.45
HSL	225°, 13%, 49%
HSV	225°, 23%, 55%
XYZ	17.1630, 17.5724, 27.2921
YIQ	116.3440, -12.4720, 5.7680

Conversions

Conversions Part 2

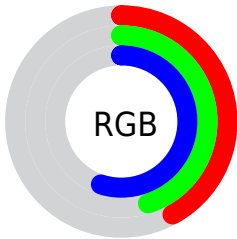
Format	Color
R_{YB}	108, 114, 140
Decimal	7107724
CIE _{Lab}	48.97, 2.55, -14.08
CIE _{LCh}	49, 14.309, 280.279
Yxy	17.5724, 0.2767, 0.2833
Android (android.graphics.Color)	4285297804 (0xFF6C748C)
YUV	116.3440, 11.6624, -7.3177
Hunter-Lab	41.9194, -0.2760, -9.2578

Details

The Yxy color $17.5724, 0.2767, 0.2833$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $23.1569, 0.3487, 0.3709$, and the grayscale version is $17.5430, 0.3127, 0.3290$.

A 20% lighter version of the original color is $39.3739, 0.2849, 0.2933$, and $5.8331, 0.2613, 0.2639$ is the 20% darker color. If you saturate the color by 10%, you get $14.4794, 0.2591, 0.2596$, and if you desaturate by 10%, it is $21.0814, 0.2933, 0.3048$.

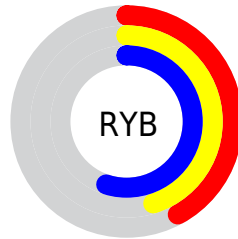
Distribution



Red (42%)

Green (45%)

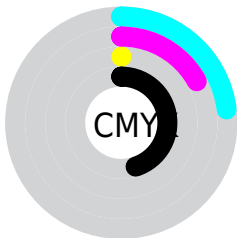
Blue (55%)



Red (42%)

Yellow (45%)

Blue (55%)

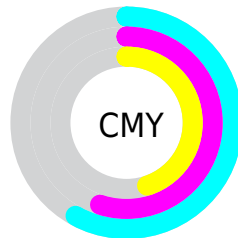


Cyan (23%)

Magenta (17%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.5724, 0.2767, 0.2833 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 17.5724, 0.2767, 0.2833 by changing the saturation by 10% instead.

■ 17.5724, 0.2767,
0.2833

■ 17.5724, 0.2767,
0.2833

■ 238.4497, 0.2975,
0.3094

■ 10.6434, 0.2703,
0.2754

■ 39.3073, 0.2851,
0.2937

■ 5.8276, 0.2612,
0.2642

■ 54.8821, 0.2880,
0.2974

■ 2.7405, 0.2472,
0.2473

■ 74.1076, 0.2903,
0.3003

■ 0.9978, 0.2234,
0.2191

■ 97.3682, 0.2922,
0.3028

■ 0.0000, 0.0000,
0.0000

■ 125.0483, 0.2939,
0.3048

■ 157.5324, 0.2953,

0.3066

195.2047, 0.2965,
0.3081

■ 17.5724, 0.2767,
0.2833

■ 17.5724, 0.2767,
0.2833

■ 14.4794, 0.2591,
0.2596

■ 21.0814, 0.2933,
0.3048

■ 11.7844, 0.2410,
0.2340

■ 25.0190, 0.3086,
0.3240

■ 9.4714, 0.2227,
0.2070

■ 29.4003, 0.3226,
0.3409

■ 7.5221, 0.2051,
0.1794

■ 34.2385, 0.3354,
0.3558

■ 5.9171, 0.1891,
0.1524

■ 39.5468, 0.3469,
0.3689

■ 4.6346, 0.1755,
0.1274

■ 45.3373, 0.3572,
0.3802

■ 3.6502, 0.1650,
0.1056

■ 51.6222, 0.3664,
0.3901

■ 3.0950, 0.1590,
0.0923

■ 58.4127, 0.3747,
0.3987

■ 65.7202, 0.3822,
0.4062

Harmonies

Analogous

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



17.5724, 0.2628, 0.2913



17.5724, 0.2767, 0.2833



17.5724, 0.3005, 0.2868

Triad

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



17.5724, 0.2767, 0.2833



17.5724, 0.3667, 0.3440



17.5724, 0.2956, 0.3605

Complementary

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



17.5724, 0.2767, 0.2833



23.1569, 0.3487, 0.3709

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.



17.5724, 0.3231, 0.3760



17.5724, 0.2767, 0.2833



17.5724, 0.3649, 0.3647

Square

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



17.5724, 0.2767, 0.2833



17.5724, 0.3532, 0.3208



17.5724, 0.3486, 0.3770



17.5724, 0.2733, 0.3357

Rectangle

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



17.5724, 0.2767, 0.2833



17.5724, 0.3192, 0.2948



17.5724, 0.3486, 0.3770



17.5724, 0.3045, 0.3671

Sweetspot

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



17.5731, 0.2767, 0.2833



41.0367, 0.3021, 0.3160



23.5916, 0.2877, 0.3447



9.3775, 0.3014, 0.3150



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



17.5731, 0.2767, 0.2833



28.3216, 0.2685, 0.2724



16.2966, 0.2844, 0.2691



5.0823, 0.2991, 0.3121



2.7786, 0.1592, 0.0930



0.0389, 0.1798, 0.1672

Inverse Universe

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



17.5620, 0.3465, 0.3148



28.4030, 0.3556, 0.3117



24.7826, 0.3372, 0.3855



5.0678, 0.3244, 0.3236



5.0647, 0.5865, 0.3004



0.0357, 0.4841, 0.2440

Previews

White Background



This preview shows how the Yxy color 17.5724, 0.2767, 0.2833 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 17.5724, 0.2767, 0.2833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

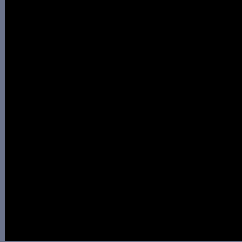
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

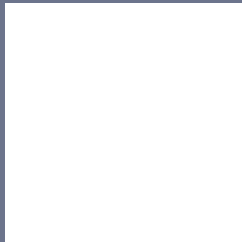
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.5724, 0.2767, 0.2833

Background



This preview shows how black text looks on a background with the Yxy color 17.5724, 0.2767, 0.2833.

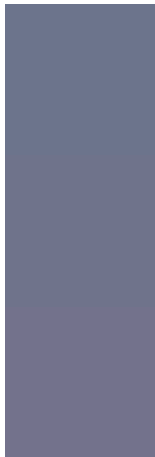


This preview shows how white text looks on a background with the Yxy color 17.5724, 0.2767, 0.2833.

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

17.5724, 0.2767, 0.2833

Protanopia

17.5051, 0.2810, 0.2835

Deuteranopia

17.5729, 0.2844, 0.2805



Tritanopia

17.5796, 0.2870, 0.3092

Trichromacy



Original Color

17.5724, 0.2767, 0.2833

Protanomaly

17.4405, 0.2798, 0.2834

Deuteranomaly

17.5997, 0.2811, 0.2819

Tritanomaly

17.5143, 0.2839, 0.2997

Monochromacy



Original Color

17.5724, 0.2767, 0.2833

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.4822, 0.2985, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5724, 0.2767, 0.2833 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(108, 116, 140)` looks like.

```
.text, #text, p{  
    color:rgb(108, 116, 140)  
}
```

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(108, 116, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 116, 140) }
```

Border

The CSS property to change the border of an element to Yxy 17.5724, 0.2767, 0.2833 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(108, 116, 140) }
```

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

```
.border{ border-color:rgb(108, 116, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 116, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 116, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 116, 140);  
box-shadow:4px 4px 4px 4px rgb(108, 116,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5724, 0.2767, 0.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 116, 140) }
```

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

```
.background{ background-color: rgb(108,  
116, 140) }
```

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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