

Converting Colors

$Y_{xy}(17.4814, 0.2696, 0.3110)$

Have a look what the booklet for
Yxy(17.4814, 0.2696, 0.3110)
contains.

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Color

Yxy(17.5106, 0.2692, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	5B7982
RGB	91, 121, 130
RGB Percent	36%, 47%, 51%
CMY	0.6431, 0.5255, 0.4901
CMYK	0.30, 0.07, 0.00, 0.49
HSL	194°, 18%, 43%
HSV	194°, 30%, 51%
XYZ	15.1815, 17.5106, 23.7028
YIQ	113.0560, -20.7690, -3.5610

Conversions

Conversions Part 2

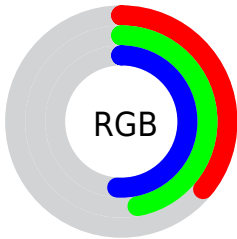
Format	Color
R _Y B	91, 108, 130
Decimal	5994882
CIE Lab	48.90, -8.44, -8.42
CIE LCh	49, 11.924, 224.928
Yxy	17.5106, 0.2692, 0.3105
Android (android.graphics.Color)	4284184962 (0xFF5B7982)
YUV	113.0560, 8.3534, -19.3431
Hunter-Lab	41.8457, -8.4706, -4.2918

Details

The Yxy color **17.5106, 0.2692, 0.3105** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.6185, 0.3712, 0.3467**, and the grayscale version is **16.5108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0568, 0.2789, 0.3144**, and **5.7424, 0.2502, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **16.1882, 0.2558, 0.3033**, and if you desaturate by 10%, it is **18.9716, 0.2833, 0.3172**.

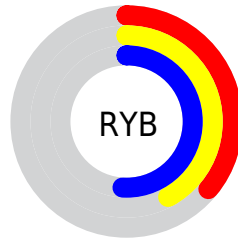
Distribution



Red (36%)

Green (47%)

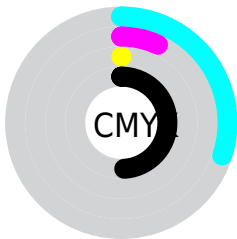
Blue (51%)



Red (36%)

Yellow (42%)

Blue (51%)

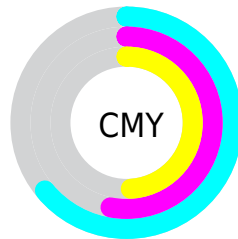


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (49%)



Cyan (64%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.5106, 0.2692, 0.3105 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 17.5106, 0.2692, 0.3105 by changing the saturation by 10% instead.

■ 17.5106, 0.2692,
0.3105

■ 17.5106, 0.2692,
0.3105

■ 238.0979, 0.2942,
0.3215

■ 10.5992, 0.2616,
0.3069

■ 39.2016, 0.2792,
0.3151

■ 5.7980, 0.2508,
0.3016

■ 54.7500, 0.2827,
0.3166

■ 2.7227, 0.2342,
0.2931

■ 73.9462, 0.2855,
0.3178

■ 0.9887, 0.2050,
0.2776

■ 97.1746, 0.2878,
0.3188

■ 0.0000, 0.0000,
0.0000

■ 124.8196, 0.2898,
0.3197

■ 157.2655, 0.2915,

0.3204

194.8968, 0.2929,
0.3210

■ 17.5106, 0.2692,
0.3105

■ 17.5106, 0.2692,
0.3105

■ 16.1882, 0.2558,
0.3033

■ 18.9716, 0.2833,
0.3172

■ 14.9963, 0.2434,
0.2958

■ 20.5747, 0.2979,
0.3234

■ 13.9288, 0.2323,
0.2879

■ 22.3261, 0.3127,
0.3290

■ 12.9785, 0.2227,
0.2797

■ 24.2307, 0.3274,
0.3341

■ 12.1370, 0.2149,
0.2715

■ 26.2933, 0.3419,
0.3387

■ 11.3950, 0.2090,
0.2633

■ 28.5185, 0.3561,
0.3427

■ 10.7232, 0.2042,
0.2550

■ 30.9105, 0.3697,
0.3463

■ 33.4736, 0.3828,
0.3494

■ 36.2118, 0.3952,
0.3522

Harmonies

Analogous

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



17.5106, 0.2775, 0.3313



17.5106, 0.2692, 0.3105



17.5106, 0.2720, 0.2959

Triad

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



17.5106, 0.2692, 0.3105



17.5106, 0.3296, 0.3073



17.5106, 0.3399, 0.3696

Complementary

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



17.5106, 0.2692, 0.3105



14.6185, 0.3712, 0.3467

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.



17.5106, 0.3549, 0.3612



17.5106, 0.2692, 0.3105



17.5106, 0.3489, 0.3253

Square

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



17.5106, 0.2692, 0.3105



17.5106, 0.3062, 0.2947



17.5106, 0.3583, 0.3448



17.5106, 0.3179, 0.3666

Rectangle

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



17.5106, 0.2692, 0.3105



17.5106, 0.2798, 0.2911



17.5106, 0.3583, 0.3448



17.5106, 0.3459, 0.3680

Sweetspot

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



17.5113, 0.2692, 0.3105



36.4643, 0.2991, 0.3238



19.1021, 0.3004, 0.3938



8.1704, 0.2973, 0.3231



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.



17.5113, 0.2692, 0.3105



29.2209, 0.2600, 0.3057



13.3494, 0.2649, 0.2699



4.7238, 0.2993, 0.3239



10.2904, 0.2042, 0.2552



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.6095, 0.3289, 0.2729



21.3656, 0.3336, 0.2601



18.6859, 0.3614, 0.3818



4.3960, 0.3169, 0.3126



5.4333, 0.3871, 0.1906



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.5106, 0.2692, 0.3105 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 17.5106, 0.2692, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

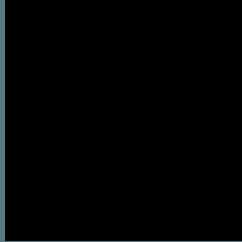
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

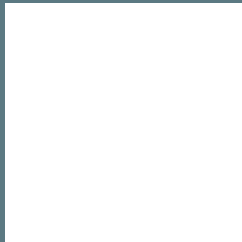
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.5106, 0.2692, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 17.5106, 0.2692, 0.3105.



This preview shows how white text looks on a background with the Yxy color 17.5106, 0.2692, 0.3105.

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

17.5106, 0.2692, 0.3105

Protanopia

17.4127, 0.2998, 0.3077

Deuteranopia

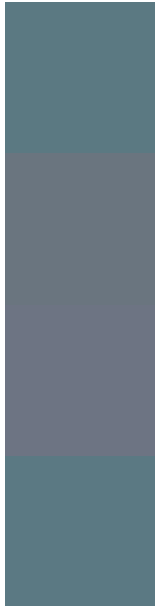
17.4693, 0.2992, 0.2934



Tritanopia

17.5376, 0.2683, 0.3085

Trichromacy



Original Color

17.5106, 0.2692, 0.3105

Protanomaly

17.3191, 0.2880, 0.3091

Deuteranomaly

17.3807, 0.2871, 0.2998

Tritanomaly

17.5376, 0.2683, 0.3085

Monochromacy



Original Color

17.5106, 0.2692, 0.3105

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.8259, 0.2955, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5106, 0.2692, 0.3105 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(91, 121, 130)` looks like.

```
.text, #text, p{  
    color:rgb(91, 121, 130)  
}
```

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(91, 121, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 121, 130) }
```

Border

The CSS property to change the border of an element to Yxy 17.5106, 0.2692, 0.3105 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(91, 121, 130) }
```

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

```
.border{ border-color:rgb(91, 121, 130) }
```

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

Here you see how a box with a 4 pixel rgb(91, 121, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 121, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 121, 130);  
box-shadow:4px 4px 4px 4px rgb(91, 121,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5106, 0.2692, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 121, 130) }
```

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

```
.background{ background-color: rgb(91, 121,  
130) }
```

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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