

Converting Colors

$Y_{xy}(17.2966, 0.2925, 0.3168)$

Have a look what the booklet for
Yxy(17.2966, 0.2925, 0.3168)
contains.

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Color

Yxy(17.2168, 0.2923, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	6A757B
RGB	106, 117, 123
RGB Percent	42%, 46%, 48%
CMY	0.5844, 0.5412, 0.5176
CMYK	0.14, 0.05, 0.00, 0.52
HSL	201°, 7%, 45%
HSV	201°, 14%, 48%
XYZ	15.8803, 17.2168, 21.2317
YIQ	114.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

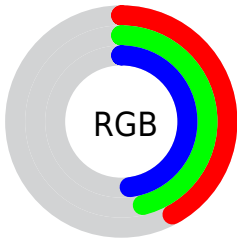
Format	Color
R_{YB}	106, 113, 123
Decimal	6976891
CIE _{Lab}	48.53, -2.77, -4.71
CIE _{LCh}	49, 5.467, 239.580
Yxy	17.2168, 0.2923, 0.3169
Android (android.graphics.Color)	4285166971 (0xFF6A757B)
YUV	114.3950, 4.2423, -7.3624
Hunter-Lab	41.4931, -4.2972, -1.2930

Details

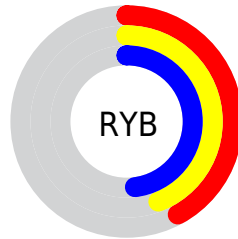
The Yxy color **17.2168, 0.2923, 0.3169** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8429, 0.3352, 0.3408**, and the grayscale version is **16.9411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6392, 0.2971, 0.3204**, and **5.6805, 0.2847, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **15.5276, 0.2775, 0.3071**, and if you desaturate by 10%, it is **19.0626, 0.3071, 0.3258**.

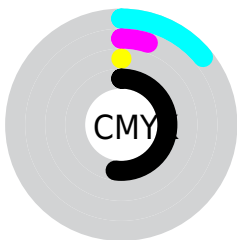
Distribution



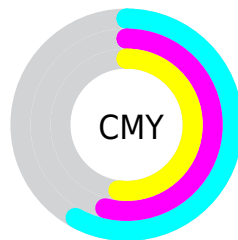
- Red (42%)
- Green (46%)
- Blue (48%)



- Red (42%)
- Yellow (44%)
- Blue (48%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (52%)



- Cyan (58%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.2168, 0.2923, 0.3169 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 17.2168, 0.2923, 0.3169 by changing the saturation by 10% instead.

■ 17.2168, 0.2923,
0.3169

■ 17.2168, 0.2923,
0.3169

236.4187, 0.3041,
0.3240

■ 10.3892, 0.2886,
0.3146

■ 38.6982, 0.2971,
0.3198

■ 5.6578, 0.2833,
0.3113

■ 54.1207, 0.2987,
0.3208

■ 2.6381, 0.2750,
0.3061

■ 73.1770, 0.3001,
0.3216

■ 0.9459, 0.2602,
0.2965

■ 96.2514, 0.3012,
0.3222

■ 0.0000, 0.0000,
0.0000

123.7284, 0.3021,
0.3228

155.9924, 0.3029,

0.3233

193.4276, 0.3035,
0.3237

■ 17.2168, 0.2923,
0.3169

■ 17.2168, 0.2923,
0.3169

■ 15.5276, 0.2775,
0.3071

■ 19.0626, 0.3071,
0.3258

■ 13.9876, 0.2628,
0.2965

■ 21.0678, 0.3216,
0.3338

■ 12.5921, 0.2486,
0.2851

■ 23.2378, 0.3357,
0.3410

■ 11.3350, 0.2353,
0.2730

■ 25.5770, 0.3493,
0.3474

■ 10.2099, 0.2232,
0.2603

■ 28.0898, 0.3622,
0.3531

■ 9.2096, 0.2125,
0.2474

■ 30.7802, 0.3745,
0.3581

■ 8.3260, 0.2036,
0.2343

■ 33.6522, 0.3860,
0.3625

■ 7.5488, 0.1966,
0.2213

■ 36.7096, 0.3969,
0.3663

■ 7.1028, 0.1926,
0.2133

■ 39.9562, 0.4071,
0.3696

Harmonies

Analogous

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



17.2168, 0.2937, 0.3255



17.2168, 0.2923, 0.3169



17.2168, 0.2962, 0.3118

Triad

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



17.2168, 0.2923, 0.3169



17.2168, 0.3253, 0.3228



17.2168, 0.3207, 0.3474

Complementary

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



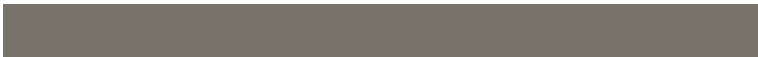
17.2168, 0.2923, 0.3169



16.8429, 0.3352, 0.3408

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.



17.2168, 0.3294, 0.3464



17.2168, 0.2923, 0.3169



17.2168, 0.3321, 0.3321

Square

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



17.2168, 0.2923, 0.3169



17.2168, 0.3152, 0.3153



17.2168, 0.3336, 0.3407



17.2168, 0.3100, 0.3433

Rectangle

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



17.2168, 0.2923, 0.3169



17.2168, 0.3014, 0.3109



17.2168, 0.3336, 0.3407



17.2168, 0.3240, 0.3477

Sweetspot

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



17.2175, 0.2923, 0.3169



34.0363, 0.3067, 0.3256



18.4034, 0.3045, 0.3513



7.9632, 0.3058, 0.3250



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



17.2175, 0.2923, 0.3169



29.7084, 0.2870, 0.3135



15.3345, 0.2918, 0.2995



4.2854, 0.2994, 0.3213



7.3348, 0.1925, 0.2131



33.3408, 0.1907, 0.2066

Inverse Universe

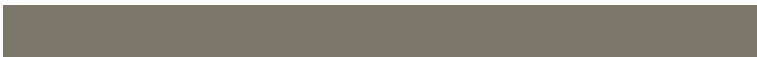
The Inverse Universe completely reimagines the original color for something new.



15.8029, 0.3220, 0.3078



26.6433, 0.3248, 0.3021



18.7983, 0.3330, 0.3568



4.0546, 0.3186, 0.3153



4.9473, 0.4307, 0.2146



23.4330, 0.4379, 0.2186

Previews

White Background



This preview shows how the Yxy color 17.2168, 0.2923, 0.3169 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 17.2168, 0.2923, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

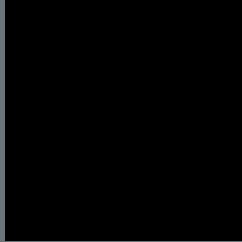
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

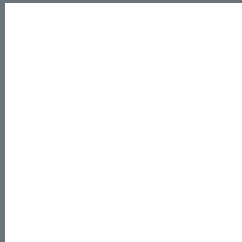
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.2168, 0.2923, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 17.2168, 0.2923, 0.3169.



This preview shows how white text looks on a background with the Yxy color 17.2168, 0.2923, 0.3169.

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

17.2168, 0.2923, 0.3169

Protanopia

17.0599, 0.3057, 0.3153

Deuteranopia

17.1812, 0.3112, 0.3062



Tritanopia

17.2931, 0.2891, 0.3111

Trichromacy



Original Color

17.2168, 0.2923, 0.3169

Protanomaly

17.1114, 0.3007, 0.3152

Deuteranomaly

17.2029, 0.3034, 0.3096

Tritanomaly

17.2674, 0.2902, 0.3130

Monochromacy



Original Color

17.2168, 0.2923, 0.3169

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.9253, 0.3052, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2168, 0.2923, 0.3169 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(106, 117, 123)` looks like.

```
.text, #text, p{  
    color:rgb(106, 117, 123)  
}
```

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(106, 117, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 117, 123) }
```

Border

The CSS property to change the border of an element to Yxy 17.2168, 0.2923, 0.3169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

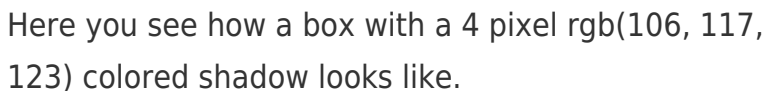
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 117, 123) }
```

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

```
.border{ border-color:rgb(106, 117, 123) }
```

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



Here you see how a box with a 4 pixel rgb(106, 117, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 117, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 117, 123);  
box-shadow:4px 4px 4px 4px rgb(106, 117,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2168, 0.2923, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 117, 123) }
```

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

```
.background{ background-color: rgb(106,  
117, 123) }
```

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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