

Converting Colors

$Y_{xy}(17.5636, 0.2840, 0.3250)$

Have a look what the booklet for
Yxy(17.5636, 0.2840, 0.3250)
contains.

Yxy(17.6766, 0.2845, 0.3269)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(17.6766, 0.2845, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	62797A
RGB	98, 121, 122
RGB Percent	38%, 47%, 48%
CMY	0.6158, 0.5254, 0.5216
CMYK	0.20, 0.01, 0.00, 0.52
HSL	182°, 11%, 43%
HSV	182°, 20%, 48%
XYZ	15.3839, 17.6766, 21.0129
YIQ	114.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

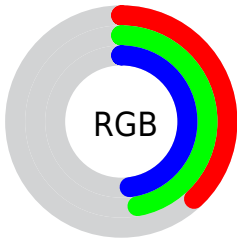
Format	Color
R_{YB}	98, 110, 122
Decimal	6453626
CIE _{Lab}	49.10, -8.12, -3.33
CIE _{LCh}	49, 8.780, 202.311
Yxy	17.6766, 0.2845, 0.3269
Android (android.graphics.Color)	4284643706 (0xFF62797A)
YUV	114.2370, 3.8272, -14.2398
Hunter-Lab	42.0435, -8.2624, -0.2020

Details

The Yxy color **17.6766, 0.2845, 0.3269** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9323, 0.3490, 0.3311**, and the grayscale version is **16.8918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3327, 0.2912, 0.3275**, and **5.8196, 0.2733, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **16.9285, 0.2714, 0.3257**, and if you desaturate by 10%, it is **18.5302, 0.2985, 0.3280**.

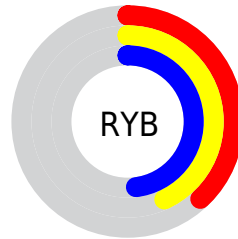
Distribution



Red (38%)

Green (47%)

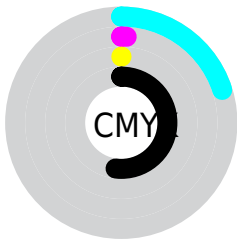
Blue (48%)



Red (38%)

Yellow (43%)

Blue (48%)

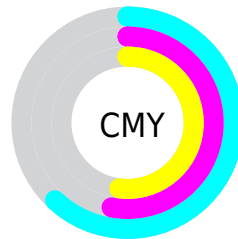


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (52%)



Cyan (62%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.6766, 0.2845, 0.3269 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 17.6766, 0.2845, 0.3269 by changing the saturation by 10% instead.

■ 17.6766, 0.2845,
0.3269

■ 17.6766, 0.2845,
0.3269

■ 239.0418, 0.3008,
0.3283

■ 10.7181, 0.2795,
0.3264

■ 39.4855, 0.2911,
0.3275

■ 5.8776, 0.2723,
0.3256

■ 55.1046, 0.2933,
0.3277

■ 2.7708, 0.2611,
0.3242

■ 74.3794, 0.2951,
0.3278

■ 1.0133, 0.2410,
0.3216

■ 97.6942, 0.2967,
0.3280

■ 0.0000, 0.0000,
0.0000

■ 125.4335, 0.2979,
0.3281

■ 157.9816, 0.2990,

0.3281

195.7229, 0.3000,
0.3282

■ 17.6766, 0.2845,
0.3269

■ 17.6766, 0.2845,
0.3269

■ 16.9285, 0.2714,
0.3257

■ 18.5302, 0.2985,
0.3280

■ 16.2791, 0.2595,
0.3245

■ 19.4916, 0.3132,
0.3290

■ 15.7240, 0.2491,
0.3232

■ 20.5655, 0.3282,
0.3300

■ 15.2578, 0.2402,
0.3219

■ 21.7558, 0.3435,
0.3308

■ 14.8745, 0.2330,
0.3206

■ 23.0664, 0.3587,
0.3316

■ 14.5673, 0.2276,
0.3192

■ 24.5007, 0.3736,
0.3322

■ 14.3283, 0.2240,
0.3179

■ 26.0622, 0.3882,
0.3328

■ 14.1313, 0.2214,
0.3166

■ 27.7540, 0.4024,
0.3334

■ 14.1255, 0.2213,
0.3166

■ 29.5795, 0.4159,
0.3338

Harmonies

Analogous

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



17.6766, 0.2962, 0.3425



17.6766, 0.2845, 0.3269



17.6766, 0.2802, 0.3124

Triad

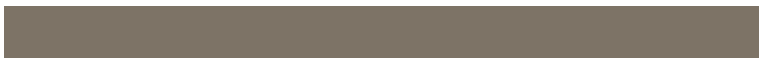
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.6766, 0.2845, 0.3269



17.6766, 0.3123, 0.3053



17.6766, 0.3416, 0.3550

Complementary

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



17.6766, 0.2845, 0.3269



13.9323, 0.3490, 0.3311

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.



17.6766, 0.3463, 0.3442



17.6766, 0.2845, 0.3269



17.6766, 0.3291, 0.3160

Square

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



17.6766, 0.2845, 0.3269



17.6766, 0.2959, 0.3005



17.6766, 0.3417, 0.3300



17.6766, 0.3291, 0.3589

Rectangle

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



17.6766, 0.2845, 0.3269



17.6766, 0.2821, 0.3054



17.6766, 0.3417, 0.3300



17.6766, 0.3442, 0.3520

Sweetspot

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



17.6773, 0.2845, 0.3269



33.1805, 0.3037, 0.3284



17.4096, 0.3094, 0.3785



7.5684, 0.3029, 0.3283



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



17.6773, 0.2845, 0.3269



30.4356, 0.2780, 0.3263



14.9750, 0.2831, 0.3021



4.4856, 0.2994, 0.3281



14.8691, 0.2213, 0.3166



70.6121, 0.2211, 0.3159

Inverse Universe

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



14.2462, 0.3162, 0.2844



23.1685, 0.3172, 0.2732



16.3398, 0.3447, 0.3545



4.0748, 0.3143, 0.3087



5.7079, 0.3311, 0.1598



27.1955, 0.3317, 0.1601

Previews

White Background



This preview shows how the Yxy color 17.6766, 0.2845, 0.3269 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 17.6766, 0.2845, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

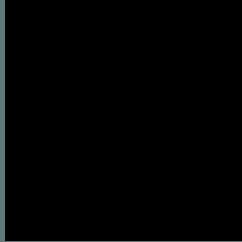
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

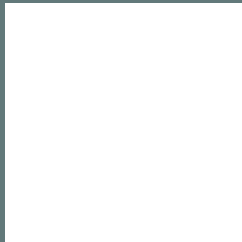
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.6766, 0.2845, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 17.6766, 0.2845, 0.3269.



This preview shows how white text looks on a background with the Yxy color 17.6766, 0.2845, 0.3269.

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

17.6766, 0.2845, 0.3269

Protanopia

17.6742, 0.3117, 0.3232

Deuteranopia

17.5506, 0.3137, 0.3083



Tritanopia

17.6706, 0.2784, 0.3109

Trichromacy



Original Color

17.6766, 0.2845, 0.3269

Protanomaly

17.6924, 0.3017, 0.3250

Deuteranomaly

17.5657, 0.3033, 0.3154

Tritanomaly

17.5919, 0.2814, 0.3168

Monochromacy



Original Color

17.6766, 0.2845, 0.3269

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

17.1951, 0.3014, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6766, 0.2845, 0.3269 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(98, 121, 122) looks like.

```
.text, #text, p{  
    color:rgb(98, 121, 122)  
}
```

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(98, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 121, 122) }
```

Border

The CSS property to change the border of an element to Yxy 17.6766, 0.2845, 0.3269 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(98, 121, 122) }
```

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

```
.border{ border-color:rgb(98, 121, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 121, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(98, 121,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6766, 0.2845, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 121, 122) }
```

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

```
.background{ background-color: rgb(98, 121,  
122) }
```

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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