

Converting Colors

$Y_{xy}(17.0192, 0.2710, 0.3256)$

Have a look what the booklet for
Yxy(17.0192, 0.2710, 0.3256)
contains.

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Color

Yxy(17.0583, 0.2718, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	56797A
RGB	86, 121, 122
RGB Percent	34%, 47%, 48%
CMY	0.6627, 0.5255, 0.5216
CMYK	0.29, 0.01, 0.00, 0.52
HSL	182°, 17%, 41%
HSV	182°, 29%, 48%
XYZ	14.1874, 17.0583, 20.9523
YIQ	110.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

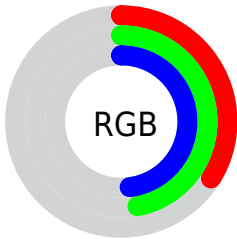
Format	Color
R_{YB}	86, 104, 122
Decimal	5667194
CIE _{Lab}	48.33, -12.07, -4.55
CIE _{LCh}	48, 12.896, 200.643
Yxy	17.0583, 0.2718, 0.3268
Android (android.graphics.Color)	4283857274 (0xFF56797A)
YUV	110.6490, 5.5960, -21.6172
Hunter-Lab	41.3017, -10.9620, -1.1665

Details

The Yxy color **17.0583, 0.2718, 0.3268** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.6228, 0.3736, 0.3312**, and the grayscale version is **15.7779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2615, 0.2815, 0.3274**, and **5.5278, 0.2542, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **16.4477, 0.2600, 0.3260**, and if you desaturate by 10%, it is **17.7694, 0.2848, 0.3276**.

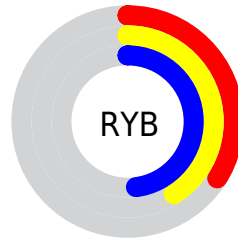
Distribution



Red (34%)

Green (47%)

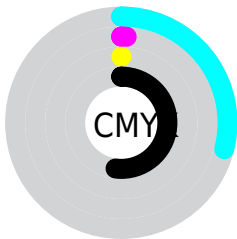
Blue (48%)



Red (34%)

Yellow (41%)

Blue (48%)

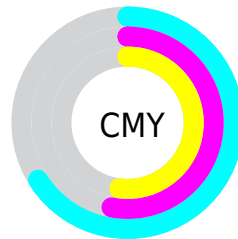


Cyan (29%)

Magenta (1%)

Yellow (0%)

Black (52%)



Cyan (66%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0583, 0.2718, 0.3268 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 17.0583, 0.2718, 0.3268 by changing the saturation by 10% instead.

■ 17.0583, 0.2718,
0.3268

■ 17.0583, 0.2718,
0.3268

■ 235.5081, 0.2954,
0.3284

■ 10.2761, 0.2645,
0.3261

■ 38.4260, 0.2813,
0.3275

■ 5.5824, 0.2540,
0.3251

■ 53.7802, 0.2846,
0.3278

■ 2.5928, 0.2379,
0.3230

■ 72.7606, 0.2873,
0.3279

■ 0.9231, 0.2026,
0.3212

■ 95.7515, 0.2895,
0.3281

■ 0.0000, 0.0000,
0.0000

■ 123.1373, 0.2913,
0.3282

155.3024, 0.2929,

0.3282

192.6312, 0.2942,
0.3283

■ 17.0583, 0.2718,
0.3268

■ 17.0583, 0.2718,
0.3268

■ 16.4477, 0.2600,
0.3260

■ 17.7694, 0.2848,
0.3276

■ 15.9305, 0.2496,
0.3251

■ 18.5836, 0.2988,
0.3283

■ 15.5019, 0.2409,
0.3242

■ 19.5060, 0.3135,
0.3290

■ 15.1559, 0.2338,
0.3234

■ 20.5406, 0.3286,
0.3297

■ 14.8858, 0.2286,
0.3225

■ 21.6914, 0.3439,
0.3303

■ 14.6838, 0.2250,
0.3216

■ 22.9621, 0.3591,
0.3308

■ 14.5244, 0.2225,
0.3208

■ 24.3562, 0.3742,
0.3312

■ 14.5165, 0.2224,
0.3207

■ 25.8772, 0.3889,
0.3316

■ 27.5282, 0.4032,
0.3320

Harmonies

Analogous

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



17.0583, 0.2893, 0.3504



17.0583, 0.2718, 0.3268



17.0583, 0.2650, 0.3050

Triad

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



17.0583, 0.2718, 0.3268



17.0583, 0.3104, 0.2937



17.0583, 0.3564, 0.3666

Complementary

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



17.0583, 0.2718, 0.3268



11.6228, 0.3736, 0.3312

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.



17.0583, 0.3629, 0.3499



17.0583, 0.2718, 0.3268



17.0583, 0.3357, 0.3087

Square

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



17.0583, 0.2718, 0.3268



17.0583, 0.2866, 0.2872



17.0583, 0.3552, 0.3289



17.0583, 0.3381, 0.3738

Rectangle

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



17.0583, 0.2718, 0.3268



17.0583, 0.2672, 0.2945



17.0583, 0.3552, 0.3289



17.0583, 0.3601, 0.3619

Sweetspot

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



17.0590, 0.2718, 0.3268



32.7452, 0.2992, 0.3284



16.5759, 0.3083, 0.4088



7.4455, 0.2975, 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.



17.0590, 0.2718, 0.3268



29.3169, 0.2641, 0.3263



13.1628, 0.2678, 0.2880



4.4946, 0.2994, 0.3284



15.2853, 0.2224, 0.3207



72.6992, 0.2223, 0.3203

Inverse Universe

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



12.1734, 0.3174, 0.2610



19.3534, 0.3185, 0.2466



14.8293, 0.3639, 0.3667



4.0757, 0.3141, 0.3085



5.7499, 0.3276, 0.1578



27.4062, 0.3280, 0.1580

Previews

White Background



This preview shows how the Yxy color 17.0583, 0.2718, 0.3268 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 17.0583, 0.2718, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

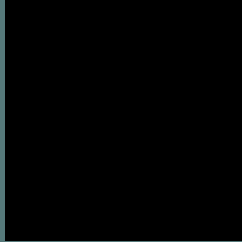
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 17.0583, 0.2718, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 17.0583, 0.2718, 0.3268.



This preview shows how white text looks on a background with the Yxy color 17.0583, 0.2718, 0.3268.

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

17.0583, 0.2718, 0.3268

Protanopia

16.9875, 0.3092, 0.3211

Deuteranopia

16.8891, 0.3099, 0.3042



Tritanopia

17.0926, 0.2669, 0.3103

Trichromacy



Original Color

17.0583, 0.2718, 0.3268

Protanomaly

16.9975, 0.2943, 0.3249

Deuteranomaly

16.8797, 0.2946, 0.3130

Tritanomaly

16.9655, 0.2687, 0.3163

Monochromacy



Original Color

17.0583, 0.2718, 0.3268

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

16.3241, 0.2963, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0583, 0.2718, 0.3268 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(86, 121, 122) looks like.

```
.text, #text, p{  
    color:rgb(86, 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(86, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 121, 122) }
```

Border

The CSS property to change the border of an element to Yxy 17.0583, 0.2718, 0.3268 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(86, 121, 122) }
```

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

```
.border{ border-color:rgb(86, 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(86, 121, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(86, 121,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0583, 0.2718, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 121, 122) }
```

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

```
.background{ background-color: rgb(86, 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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