

Converting Colors

$Y_{xy}(18.3718, 0.2639, 0.3268)$

Have a look what the booklet for
Yxy(18.3718, 0.2639, 0.3268)
contains.

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Color

Yxy(18.2479, 0.2645, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	527E7F
RGB	82, 126, 127
RGB Percent	32%, 49%, 50%
CMY	0.6785, 0.5059, 0.5020
CMYK	0.35, 0.01, 0.00, 0.50
HSL	181°, 22%, 41%
HSV	181°, 35%, 50%
XYZ	14.7692, 18.2479, 22.8210
YIQ	112.9580, -26.5450, -9.0170

Conversions

Conversions Part 2

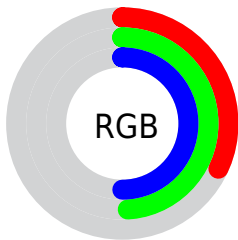
Format	Color
R _Y B	82, 104, 127
Decimal	5406335
CIE Lab	49.80, -14.79, -5.36
CIE LCh	50, 15.734, 199.921
Yxy	18.2479, 0.2645, 0.3268
Android (android.graphics.Color)	4283596415 (0xFF527E7F)
YUV	112.9580, 6.9227, -27.1502
Hunter-Lab	42.7176, -13.0411, -1.7723

Details

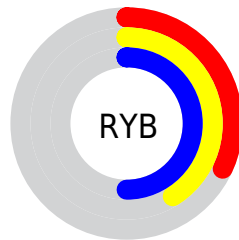
The Yxy color **18.2479, 0.2645, 0.3268** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.3011, 0.3917, 0.3312**, and the grayscale version is **16.4840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.5220, 0.2750, 0.3274**, and **6.1649, 0.2441, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **17.6600, 0.2535, 0.3261**, and if you desaturate by 10%, it is **18.9428, 0.2768, 0.3275**.

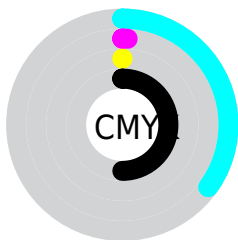
Distribution



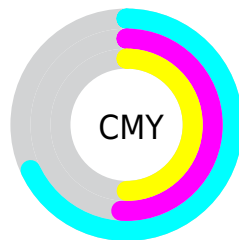
- Red (32%)
- Green (49%)
- Blue (50%)



- Red (32%)
- Yellow (41%)
- Blue (50%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (50%)



- Cyan (68%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.2479, 0.2645, 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 18.2479, 0.2645, 0.3268 by changing the saturation by 10% instead.

18.2479, 0.2645,
0.3268

18.2479, 0.2645,
0.3268

242.2646, 0.2920,
0.3285

11.1281, 0.2562,
0.3261

40.4593, 0.2755,
0.3276

6.1531, 0.2444,
0.3248

56.3197, 0.2793,
0.3278

2.9384, 0.2266,
0.3225

75.8624, 0.2824,
0.3280

1.0996, 0.1939,
0.3184

99.4718, 0.2850,
0.3282

0.0000, 0.0000,
0.0000

127.5324, 0.2872,
0.3283

160.4284, 0.2890,

0.3283

198.5444, 0.2906,
0.3284

■ 18.2479, 0.2645,
0.3268

■ 18.2479, 0.2645,
0.3268

■ 17.6600, 0.2535,
0.3261

■ 18.9428, 0.2768,
0.3275

■ 17.1711, 0.2442,
0.3254

■ 19.7480, 0.2903,
0.3281

■ 16.7756, 0.2365,
0.3247


■ 20.6691, 0.3046,
0.3287


■ 16.4663, 0.2306,
0.3240


■ 21.7108, 0.3196,
0.3292

■ 16.2351, 0.2265,
0.3233


■ 22.8777, 0.3349,
0.3298


 16.0689, 0.2239,
0.3226

 24.1739, 0.3503,
0.3302

 15.9998, 0.2229,
0.3223

 25.6035, 0.3656,
0.3306

 27.1703, 0.3806,
0.3310

 28.8779, 0.3953,
0.3313

Harmonies

Analogous

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



18.2479, 0.2853, 0.3553



18.2479, 0.2645, 0.3268



18.2479, 0.2562, 0.3007

Triad

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



18.2479, 0.2645, 0.3268



18.2479, 0.3090, 0.2870



18.2479, 0.3652, 0.3732

Complementary

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



18.2479, 0.2645, 0.3268



11.3011, 0.3917, 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.



18.2479, 0.3727, 0.3529



18.2479, 0.2645, 0.3268



18.2479, 0.3394, 0.3044

Square

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



18.2479, 0.2645, 0.3268



18.2479, 0.2810, 0.2795



18.2479, 0.3631, 0.3280



18.2479, 0.3434, 0.3826

Rectangle

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



18.2479, 0.2645, 0.3268



18.2479, 0.2586, 0.2882



18.2479, 0.3631, 0.3280



18.2479, 0.3695, 0.3674

Sweetspot

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



18.2486, 0.2645, 0.3268



36.0316, 0.2962, 0.3284



17.5908, 0.3072, 0.4284



8.3938, 0.2946, 0.3283



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.



18.2486, 0.2645, 0.3268



31.7662, 0.2550, 0.3262



13.1720, 0.2582, 0.2780



4.8712, 0.2993, 0.3285



16.1369, 0.2229, 0.3223



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.0488, 0.3181, 0.2467



18.8576, 0.3195, 0.2279



15.2716, 0.3768, 0.3749



4.4108, 0.3140, 0.3082



6.0235, 0.3263, 0.1571



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 18.2479, 0.2645, 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 18.2479, 0.2645, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

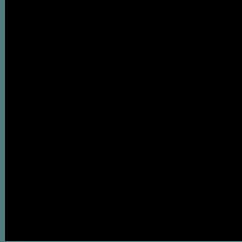
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.2479, 0.2645, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 18.2479, 0.2645, 0.3268.



This preview shows how white text looks on a background with the Yxy color 18.2479, 0.2645, 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

18.2479, 0.2645, 0.3268

Protanopia

18.0497, 0.3094, 0.3194

Deuteranopia

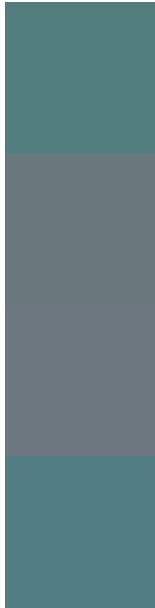
18.1315, 0.3076, 0.3030



Tritanopia

18.3013, 0.2590, 0.3086

Trichromacy



Original Color

18.2479, 0.2645, 0.3268

Protanomaly

17.9523, 0.2914, 0.3210

Deuteranomaly

18.0034, 0.2906, 0.3114

Tritanomaly

18.1722, 0.2607, 0.3145

Monochromacy



Original Color

18.2479, 0.2645, 0.3268

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

17.0897, 0.2931, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.2479, 0.2645, 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(82, 126, 127)` looks like.

```
.text, #text, p{  
    color:rgb(82, 126, 127)  
}
```

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(82, 126, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 126, 127) }
```

Border

The CSS property to change the border of an element to Yxy 18.2479, 0.2645, 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(82, 126, 127) }
```

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

```
.border{ border-color:rgb(82, 126, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 126, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 126, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 126, 127);  
box-shadow:4px 4px 4px 4px rgb(82, 126,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 18.2479, 0.2645, 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(82, 126, 127) }
```

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

```
.background{ background-color: rgb(82, 126,  
127) }
```

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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