

Converting Colors

$Y_{xy}(19.1882, 0.2866, 0.3451)$

Have a look what the booklet for
Yxy(19.1882, 0.2866, 0.3451)
contains.

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Color

Yxy(19.0762, 0.2861, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	617F78
RGB	97, 127, 120
RGB Percent	38%, 50%, 47%
CMY	0.6197, 0.5019, 0.5294
CMYK	0.24, 0.00, 0.06, 0.50
HSL	166°, 13%, 44%
HSV	166°, 24%, 50%
XYZ	15.9070, 19.0762, 20.6163
YIQ	117.2320, -15.6330, -8.5370

Conversions

Conversions Part 2

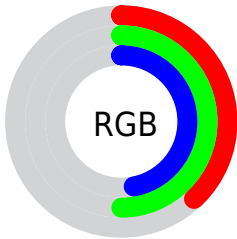
Format	Color
R _Y B	97, 114, 127
Decimal	6389624
CIE Lab	50.78, -12.29, 0.29
CIE LCh	51, 12.291, 178.666
Yxy	19.0762, 0.2861, 0.3431
Android (android.graphics.Color)	4284579704 (0xFF617F78)
YUV	117.2320, 1.3646, -17.7435
Hunter-Lab	43.6763, -11.4234, 2.5871

Details

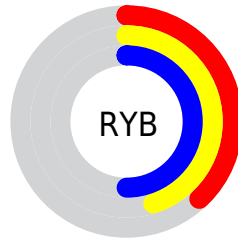
The Yxy color **19.0762, 0.2861, 0.3431** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.0546, 0.3484, 0.3154**, and the grayscale version is **17.8627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9170, 0.2922, 0.3405**, and **6.5696, 0.2737, 0.3484** is the 20% darker color. If you saturate the color by 10%, you get **18.3638, 0.2760, 0.3500**, and if you desaturate by 10%, it is **19.9041, 0.2970, 0.3368**.

Distribution



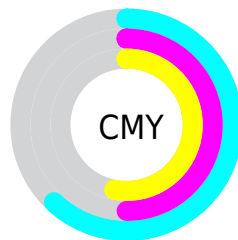
- Red (38%)
- Green (50%)
- Blue (47%)



- Red (38%)
- Yellow (45%)
- Blue (50%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (50%)





- Cyan (62%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0762, 0.2861, 0.3431 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 19.0762, 0.2861, 0.3431 by changing the saturation by 10% instead.


 19.0762, 0.2861,
0.3431


 19.0762, 0.2861,
0.3431


246.8691, 0.3014,
0.3350


 11.7254, 0.2814,
0.3456


 41.8628, 0.2922,
0.3399


 6.5570, 0.2748,
0.3491


 58.0674, 0.2943,
0.3387

 3.1866, 0.2646,
0.3546

 77.9920, 0.2961,
0.3378

 1.2299, 0.2469,
0.3641

 102.0210, 0.2975,
0.3371

 0.0859, 0.0000,
0.5388

130.5388, 0.2987,
0.3364

 0.0000, 0.0000,
0.0000

163.9298, 0.2997,

0.3359

202.5785, 0.3006,
0.3354

■ 19.0762, 0.2861,
0.3431

■ 19.0762, 0.2861,
0.3431

■ 18.3638, 0.2760,
0.3500

■ 19.9041, 0.2970,
0.3368

■ 17.7592, 0.2670,
0.3573

■ 20.8501, 0.3084,
0.3310

■ 17.2575, 0.2593,
0.3650

■ 21.9197, 0.3202,
0.3257

■ 16.8522, 0.2532,
0.3730

■ 23.1173, 0.3321,
0.3210

■ 16.5366, 0.2488,
0.3812

■ 24.4470, 0.3440,
0.3168

■ 16.3024, 0.2463,
0.3895

■ 25.9130, 0.3557,
0.3131

■ 16.1398, 0.2455,
0.3978

■ 27.5190, 0.3671,
0.3099

■ 16.0521, 0.2453,
0.4031

■ 29.2688, 0.3781,
0.3071

■ 31.1658, 0.3887,
0.3046

Harmonies

Analogous

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



19.0762, 0.3072, 0.3613



19.0762, 0.2861, 0.3431



19.0762, 0.2723, 0.3213

Triad

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



19.0762, 0.2861, 0.3431



19.0762, 0.2941, 0.2912



19.0762, 0.3584, 0.3530

Complementary

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



19.0762, 0.2861, 0.3431



14.0546, 0.3484, 0.3154

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.



19.0762, 0.3548, 0.3343



19.0762, 0.2861, 0.3431



19.0762, 0.3170, 0.2995

Square

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



19.0762, 0.2861, 0.3431



19.0762, 0.2768, 0.2921



19.0762, 0.3394, 0.3150



19.0762, 0.3493, 0.3664

Rectangle

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



19.0762, 0.2861, 0.3431



19.0762, 0.2689, 0.3082



19.0762, 0.3394, 0.3150



19.0762, 0.3587, 0.3472

Sweetspot

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



19.0770, 0.2861, 0.3431



36.7122, 0.3044, 0.3330



18.9852, 0.3180, 0.3907



8.5773, 0.3039, 0.3332



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.



19.0770, 0.2861, 0.3431



33.4922, 0.2809, 0.3465



17.2652, 0.2780, 0.3126



4.8703, 0.3021, 0.3341



16.1863, 0.2453, 0.4032



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.0546, 0.3484, 0.3154



22.9705, 0.3583, 0.3124



15.4738, 0.3556, 0.3448



4.3594, 0.3245, 0.3240



4.6427, 0.5909, 0.3029



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.0762, 0.2861, 0.3431 looks on a white 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

Black Background



This preview shows how the Yxy color 19.0762, 0.2861, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

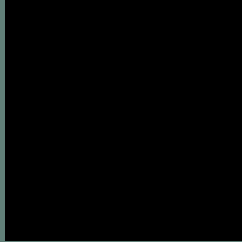
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

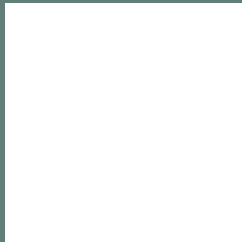
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.0762, 0.2861, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 19.0762, 0.2861, 0.3431.



This preview shows how white text looks on a background with the Yxy color 19.0762, 0.2861, 0.3431.

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

19.0762, 0.2861, 0.3431

Protanopia

18.9790, 0.3224, 0.3366

Deuteranopia

18.9530, 0.3247, 0.3199



Tritanopia

19.1258, 0.2744, 0.3094

Trichromacy



Original Color

19.0762, 0.2861, 0.3431

Protanomaly

19.0277, 0.3085, 0.3407

Deuteranomaly

18.9772, 0.3103, 0.3290

Tritanomaly

19.1861, 0.2783, 0.3210

Monochromacy



Original Color

19.0762, 0.2861, 0.3431

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

18.2977, 0.3027, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0762, 0.2861, 0.3431 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(97, 127, 120) looks like.

```
.text, #text, p{  
    color:rgb(97, 127, 120)  
}
```

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(97, 127, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 127, 120) }
```

Border

The CSS property to change the border of an element to Yxy 19.0762, 0.2861, 0.3431 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(97, 127, 120) }
```

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

```
.border{ border-color:rgb(97, 127, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 127, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 127, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 127, 120);  
box-shadow:4px 4px 4px 4px rgb(97, 127,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0762, 0.2861, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 127, 120) }
```

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

```
.background{ background-color: rgb(97, 127,  
120) }
```

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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