

Converting Colors

$Y_{xy}(26.9969, 0.2907, 0.3397)$

Have a look what the booklet for
Yxy(26.9969, 0.2907, 0.3397)
contains.

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Color

$Y_{xy}(27.0960, 0.2913, 0.3410)$

Conversions

Conversions Part 1

Format	Color
Hex	78948D
RGB	120, 148, 141
RGB Percent	47%, 58%, 55%
CMY	0.5293, 0.4196, 0.4470
CMYK	0.19, 0.00, 0.05, 0.42
HSL	165°, 12%, 53%
HSV	165°, 19%, 58%
XYZ	23.1468, 27.0960, 29.2176
YIQ	138.8300, -14.4410, -8.1130

Conversions

Conversions Part 2

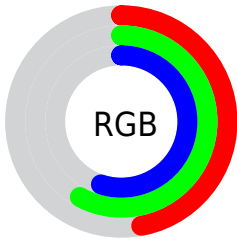
Format	Color
R_{YB}	120, 136, 148
Decimal	7902349
CIE _{Lab}	59.06, -11.31, 0.42
CIE _{LCh}	59, 11.316, 177.880
Yxy	27.0960, 0.2913, 0.3410
Android (android.graphics.Color)	4286092429 (0xFF78948D)
YUV	138.8300, 1.0698, -16.5139
Hunter-Lab	52.0538, -11.7204, 3.1584

Details

The Yxy color **27.0960, 0.2913, 0.3410** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.2662, 0.3397, 0.3174**, and the grayscale version is **25.7524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0654, 0.2958, 0.3379**, and **10.6443, 0.2836, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **26.0112, 0.2809, 0.3482**, and if you desaturate by 10%, it is **28.3503, 0.3024, 0.3344**.

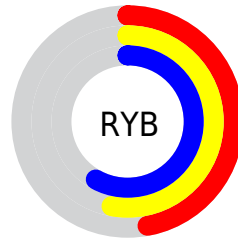
Distribution



Red (47%)

Green (58%)

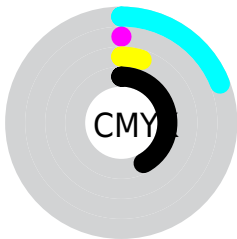
Blue (55%)



Red (47%)

Yellow (53%)

Blue (58%)

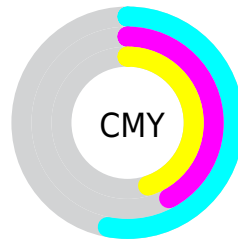


Cyan (19%)

Magenta (0%)

Yellow (5%)

Black (42%)



Cyan (53%)


Magenta (42%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0960, 0.2913, 0.3410 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 27.0960, 0.2913, 0.3410 by changing the saturation by 10% instead.

 27.0960, 0.2913,
0.3410

 27.0960, 0.2913,
0.3410


288.1216, 0.3030,
0.3345


 17.6453, 0.2880,
0.3428


 55.0379, 0.2958,
0.3385

 10.6957, 0.2835,
0.3454


 74.2979, 0.2974,
0.3376

 5.8626, 0.2771,
0.3490

 97.5965, 0.2987,
0.3368

 2.7617, 0.2670,
0.3547

125.3180, 0.2999,
0.3362

 1.0086, 0.2461,
0.3664

157.8469, 0.3008,
0.3357

 0.0000, 0.0000,
0.0000

195.5675, 0.3016,

0.3352

238.8643, 0.3023,
0.3348

■ 27.0960, 0.2913,
0.3410

■ 27.0960, 0.2913,
0.3410

■ 26.0112, 0.2809,
0.3482

■ 28.3503, 0.3024,
0.3344

■ 25.0849, 0.2714,
0.3560

■ 29.7778, 0.3140,
0.3284

■ 24.3103, 0.2632,
0.3642

■ 31.3861, 0.3258,
0.3230

■ 23.6784, 0.2565,
0.3729

■ 33.1817, 0.3376,
0.3181

■ 23.1795, 0.2514,
0.3818

■ 35.1704, 0.3493,
0.3139

■ 22.8026, 0.2483,
0.3909

■ 37.3579, 0.3608,
0.3101

■ 22.5349, 0.2470,
0.3999

■ 39.7499, 0.3719,
0.3068

■ 22.3480, 0.2472,
0.4090

■ 42.3514, 0.3826,
0.3040

■ 22.3286, 0.2472,
0.4100

■ 45.1675, 0.3928,
0.3015

Harmonies

Analogous

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



27.0960, 0.3088, 0.3556



27.0960, 0.2913, 0.3410



27.0960, 0.2797, 0.3233

Triad

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



27.0960, 0.2913, 0.3410



27.0960, 0.2971, 0.2977



27.0960, 0.3501, 0.3486

Complementary

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



27.0960, 0.2913, 0.3410



21.2662, 0.3397, 0.3174

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.



27.0960, 0.3469, 0.3331



27.0960, 0.2913, 0.3410



27.0960, 0.3158, 0.3044

Square

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



27.0960, 0.2913, 0.3410



27.0960, 0.2829, 0.2988



27.0960, 0.3342, 0.3171



27.0960, 0.3430, 0.3595

Rectangle

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



27.0960, 0.2913, 0.3410



27.0960, 0.2766, 0.3125



27.0960, 0.3342, 0.3171



27.0960, 0.3502, 0.3437

Sweetspot

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



27.0971, 0.2913, 0.3410



50.6947, 0.3056, 0.3326



27.0486, 0.3176, 0.3779



11.5405, 0.3050, 0.3330



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.0971, 0.2913, 0.3410



46.9049, 0.2864, 0.3442



25.1833, 0.2846, 0.3168



6.5378, 0.3021, 0.3346



19.0777, 0.2471, 0.4094



0.2382, 0.2353, 0.3672

Inverse Universe

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



21.2662, 0.3397, 0.3174



34.5345, 0.3479, 0.3144



22.8351, 0.3462, 0.3409



5.8377, 0.3246, 0.3235



5.4951, 0.5875, 0.3010



0.0714, 0.4844, 0.2442

Previews

White Background



This preview shows how the Yxy color 27.0960, 0.2913, 0.3410 looks on a white background.

Color Contrast Check

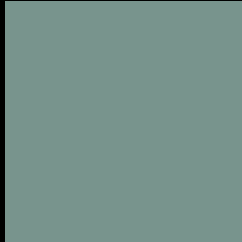
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0960, 0.2913, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

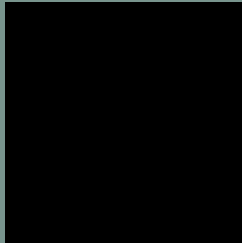
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

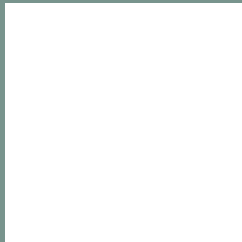
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.0960, 0.2913, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 27.0960, 0.2913, 0.3410.



This preview shows how white text looks on a background with the Yxy color 27.0960, 0.2913, 0.3410.

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

27.0960, 0.2913, 0.3410

Protanopia

26.8756, 0.3211, 0.3356

Deuteranopia

26.8431, 0.3265, 0.3196



Tritanopia

27.2030, 0.2801, 0.3106

Trichromacy



Original Color

27.0960, 0.2913, 0.3410

Protanomaly

27.0157, 0.3101, 0.3390

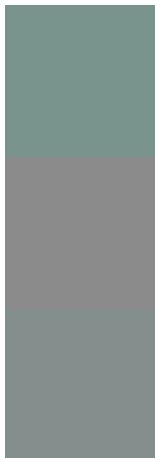
Deuteranomaly

26.7535, 0.3128, 0.3274

Tritanomaly

27.2394, 0.2844, 0.3222

Monochromacy



Original Color

27.0960, 0.2913, 0.3410

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.1450, 0.3041, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0960, 0.2913, 0.3410 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(120, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(120, 148, 141)  
}
```

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(120, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 148, 141) }
```

Border

The CSS property to change the border of an element to Yxy 27.0960, 0.2913, 0.3410 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(120, 148, 141) }
```

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

```
.border{ border-color:rgb(120, 148, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 148, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 148, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 148, 141); box-shadow:4px 4px 4px 4px rgb(120, 148, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0960, 0.2913, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 148, 141) }
```

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

```
.background{ background-color: rgb(120,  
148, 141) }
```

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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