

Converting Colors

$Y_{xy}(27.1362, 0.2714, 0.3177)$

Have a look what the booklet for
Yxy(27.1362, 0.2714, 0.3177)
contains.

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Color

Yxy(27.2410, 0.2716, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	6F959B
RGB	111, 149, 155
RGB Percent	44%, 58%, 61%
CMY	0.5645, 0.4157, 0.3922
CMYK	0.28, 0.04, 0.00, 0.39
HSL	188°, 18%, 52%
HSV	188°, 28%, 61%
XYZ	23.2224, 27.2410, 35.0388
YIQ	138.3220, -24.5740, -6.1900

Conversions

Conversions Part 2

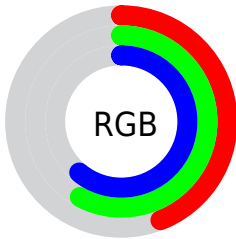
Format	Color
RYB	111, 131, 155
Decimal	7312795
CIELab	59.20, -11.55, -7.40
CIElCh	59, 13.716, 212.676
Yxy	27.2410, 0.2716, 0.3186
Android (android.graphics.Color)	4285502875 (0xFF6F959B)
YUV	138.3220, 8.2223, -23.9614
Hunter-Lab	52.1929, -11.9169, -3.2683

Details

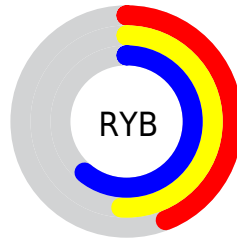
The Yxy color **27.2410, 0.2716, 0.3186** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.8469, 0.3701, 0.3391**, and the grayscale version is **25.5234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2078, 0.2804, 0.3213**, and **10.7269, 0.2569, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **25.6593, 0.2586, 0.3144**, and if you desaturate by 10%, it is **29.0115, 0.2855, 0.3225**.

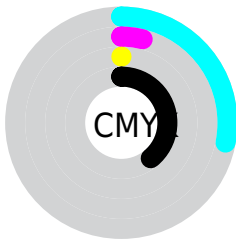
Distribution



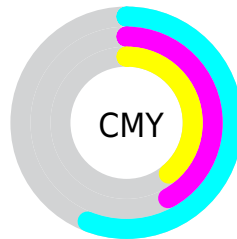
- Red (44%)
- Green (58%)
- Blue (61%)



- Red (44%)
- Yellow (51%)
- Blue (61%)



- Cyan (28%)
- Magenta (4%)
- Yellow (0%)
- Black (39%)




- Cyan (56%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2410, 0.2716, 0.3186 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 27.2410, 0.2716, 0.3186 by changing the saturation by 10% instead.

 27.2410, 0.2716,
0.3186


 27.2410, 0.2716,
0.3186


288.8221, 0.2937,
0.3246


 17.7543, 0.2655,
0.3168


 55.2704, 0.2801,
0.3210


 10.7737, 0.2573,
0.3143


 74.5818, 0.2831,
0.3218

 5.9149, 0.2457,
0.3105

 97.9370, 0.2856,
0.3225

 2.7934, 0.2280,
0.3042

 125.7202, 0.2878,
0.3230

 1.0248, 0.1960,
0.2928

158.3160, 0.2896,
0.3235

 0.0000, 0.0000,
0.0000

196.1086, 0.2912,

0.3239

239.4825, 0.2925,
0.3243

■ 27.2410, 0.2716,
0.3186

■ 27.2410, 0.2716,
0.3186

■ 25.6593, 0.2586,
0.3144

■ 29.0115, 0.2855,
0.3225

■ 24.2539, 0.2469,
0.3100

■ 30.9760, 0.3002,
0.3262

■ 23.0163, 0.2367,
0.3054

■ 33.1434, 0.3152,
0.3295

■ 21.9354, 0.2282,
0.3007

■ 35.5211, 0.3304,
0.3326

■ 20.9989, 0.2215,
0.2960

■ 38.1162, 0.3455,
0.3353

■ 20.1926, 0.2166,
0.2913

■ 40.9354, 0.3604,
0.3377

■ 19.4888, 0.2133,
0.2866

■ 43.9851, 0.3749,
0.3398

■ 19.3761, 0.2127,
0.2859

■ 47.2713, 0.3889,
0.3416

■ 50.8001, 0.4022,
0.3432

Harmonies

Analogous

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



27.2410, 0.2840, 0.3401



27.2410, 0.2716, 0.3186



27.2410, 0.2698, 0.3010

Triad

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



27.2410, 0.2716, 0.3186



27.2410, 0.3201, 0.3015



27.2410, 0.3469, 0.3671

Complementary

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



27.2410, 0.2716, 0.3186



20.8469, 0.3701, 0.3391

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.



27.2410, 0.3575, 0.3550



27.2410, 0.2716, 0.3186



27.2410, 0.3418, 0.3176

Square

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



27.2410, 0.2716, 0.3186



27.2410, 0.2971, 0.2921



27.2410, 0.3556, 0.3369



27.2410, 0.3272, 0.3690

Rectangle

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



27.2410, 0.2716, 0.3186



27.2410, 0.2747, 0.2938



27.2410, 0.3556, 0.3369



27.2410, 0.3517, 0.3641

Sweetspot

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



27.2421, 0.2716, 0.3186



55.1814, 0.2990, 0.3259



28.1032, 0.3040, 0.3976



12.3771, 0.2969, 0.3254



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.2421, 0.2716, 0.3186



46.9691, 0.2633, 0.3160



20.9677, 0.2676, 0.2794



6.8829, 0.2989, 0.3259



15.6062, 0.2129, 0.2863



0.2680, 0.2186, 0.3070

Inverse Universe

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



20.5155, 0.3231, 0.2691



33.0539, 0.3258, 0.2557



26.5451, 0.3607, 0.3740



6.3092, 0.3157, 0.3100



6.9808, 0.3577, 0.1744



0.1079, 0.3393, 0.1643

Previews

White Background



This preview shows how the Yxy color 27.2410, 0.2716, 0.3186 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 27.2410, 0.2716, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

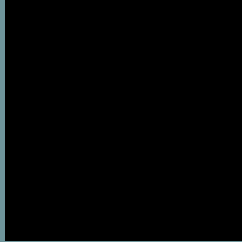
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2410, 0.2716, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 27.2410, 0.2716, 0.3186.

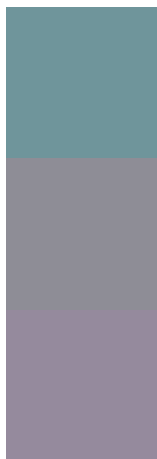


This preview shows how white text looks on a background with the Yxy color 27.2410, 0.2716, 0.3186.

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

27.2410, 0.2716, 0.3186

Protanopia

27.0025, 0.3049, 0.3144

Deuteranopia

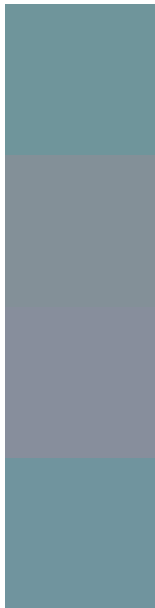
27.0008, 0.3056, 0.2993



Tritanopia

27.1626, 0.2683, 0.3085

Trichromacy



Original Color

27.2410, 0.2716, 0.3186

Protanomaly

27.0388, 0.2919, 0.3157

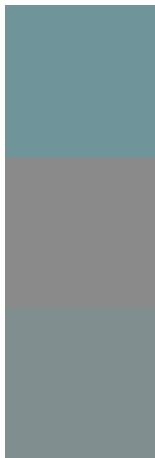
Deuteranomaly

26.8972, 0.2921, 0.3062

Tritanomaly

27.0932, 0.2698, 0.3119

Monochromacy



Original Color

27.2410, 0.2716, 0.3186

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.9488, 0.2962, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2410, 0.2716, 0.3186 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(111, 149, 155)` looks like.

```
.text, #text, p{  
    color:rgb(111, 149, 155)  
}
```

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(111, 149, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 149, 155) }
```

Border

The CSS property to change the border of an element to Yxy 27.2410, 0.2716, 0.3186 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(111, 149, 155) }
```

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

```
.border{ border-color:rgb(111, 149, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 149, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 149, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 149, 155);  
box-shadow:4px 4px 4px 4px rgb(111, 149,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2410, 0.2716, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 149, 155) }
```

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

```
.background{ background-color: rgb(111,  
149, 155) }
```

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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