

Converting Colors

$Y_{xy}(27.6942, 0.2675, 0.3289)$

Have a look what the booklet for
Yxy(27.6942, 0.2675, 0.3289)
contains.

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Color

$Y_{xy}(27.6070, 0.2679, 0.3289)$

Conversions

Conversions Part 1

Format	Color
Hex	679898
RGB	103, 152, 152
RGB Percent	40%, 60%, 60%
CMY	0.5961, 0.4039, 0.4040
CMYK	0.32, 0.00, 0.00, 0.40
HSL	180°, 19%, 50%
HSV	180°, 32%, 60%
XYZ	22.4868, 27.6070, 33.8435
YIQ	137.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

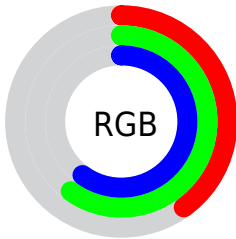
Format	Color
RYB	103, 128, 152
Decimal	6789272
CIELab	59.53, -16.33, -5.25
CIElCh	60, 17.149, 197.827
Yxy	27.6070, 0.2679, 0.3289
Android (android.graphics.Color)	4284979352 (0xFF679898)
YUV	137.3490, 7.2229, -30.1241
Hunter-Lab	52.5424, -15.5556, -1.4102

Details

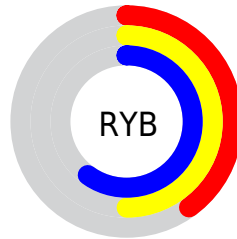
The Yxy color $27.6070, 0.2679, 0.3289$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $17.3528, 0.3841, 0.3292$, and the grayscale version is $25.1346, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.6668, 0.2772, 0.3289$, and $10.9770, 0.2522, 0.3288$ is the 20% darker color. If you saturate the color by 10%, you get $26.7894, 0.2566, 0.3289$, and if you desaturate by 10%, it is $28.5902, 0.2806, 0.3289$.

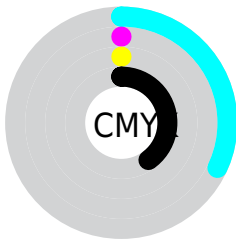
Distribution



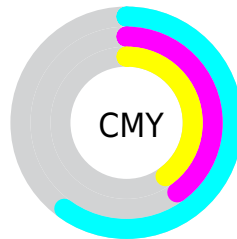
- Red (40%)
- Green (60%)
- Blue (60%)



- Red (40%)
- Yellow (50%)
- Blue (60%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)





- Cyan (60%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6070, 0.2679, 0.3289 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 27.6070, 0.2679, 0.3289 by changing the saturation by 10% instead.


 27.6070, 0.2679,
0.3289


 27.6070, 0.2679,
0.3289


290.5842, 0.2920,
0.3293

 18.0296, 0.2613,
0.3286


 55.8564, 0.2771,
0.3291

 10.9713, 0.2524,
0.3282


 75.2972, 0.2804,
0.3292

 6.0475, 0.2398,
0.3274

 98.7946, 0.2832,
0.3292

 2.8740, 0.2207,
0.3256

 126.7329, 0.2855,
0.3293

 1.0663, 0.1832,
0.3232

159.4967, 0.2875,
0.3293

 0.0000, 0.0000,
0.0000

197.4702, 0.2892,

0.3293

241.0379, 0.2907,
0.3293

■ 27.6070, 0.2679,
0.3289

■ 27.6070, 0.2679,
0.3289

■ 26.7894, 0.2566,
0.3289

■ 28.5902, 0.2806,
0.3289

■ 26.1253, 0.2469,
0.3289

■ 29.7439, 0.2945,
0.3290

■ 25.6060, 0.2389,
0.3289

■ 31.0768, 0.3093,
0.3290

■ 25.2207, 0.2328,
0.3288

■ 32.5962, 0.3247,
0.3290

■ 24.9572, 0.2285,
0.3288

■ 34.3087, 0.3404,
0.3291

■ 24.8009, 0.2260,
0.3289

■ 36.2210, 0.3561,
0.3291

■ 24.7241, 0.2247,
0.3289

■ 38.3390, 0.3718,
0.3291

■ 40.6688, 0.3871,
0.3292

■ 43.2159, 0.4020,
0.3292

Harmonies

Analogous

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



27.6070, 0.2885, 0.3557



27.6070, 0.2679, 0.3289



27.6070, 0.2591, 0.3037

Triad

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



27.6070, 0.2679, 0.3289



27.6070, 0.3073, 0.2882



27.6070, 0.3635, 0.3700

Complementary

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



27.6070, 0.2679, 0.3289



17.3528, 0.3841, 0.3292

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.



27.6070, 0.3695, 0.3503



27.6070, 0.2679, 0.3289



27.6070, 0.3362, 0.3042

Square

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



27.6070, 0.2679, 0.3289



27.6070, 0.2810, 0.2818



27.6070, 0.3594, 0.3265



27.6070, 0.3437, 0.3797

Rectangle

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



27.6070, 0.2679, 0.3289



27.6070, 0.2607, 0.2913



27.6070, 0.3594, 0.3265



27.6070, 0.3673, 0.3642

Sweetspot

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



27.6081, 0.2679, 0.3289



52.9527, 0.2975, 0.3290



26.3690, 0.3092, 0.4210



11.9697, 0.2956, 0.3290



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.6081, 0.2679, 0.3289



47.6149, 0.2593, 0.3289



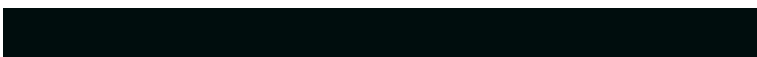
20.6699, 0.2628, 0.2856



7.0265, 0.2989, 0.3290



20.7285, 0.2247, 0.3289



0.3099, 0.2247, 0.3288

Inverse Universe

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



17.3528, 0.3841, 0.3292



26.5126, 0.4089, 0.3292



22.7510, 0.3719, 0.3687



6.2227, 0.3283, 0.3290



5.5973, 0.6400, 0.3299



0.0837, 0.6397, 0.3298

Previews

White Background



This preview shows how the Yxy color 27.6070, 0.2679, 0.3289 looks on a white background.

Color Contrast Check

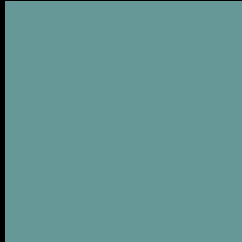
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6070, 0.2679, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

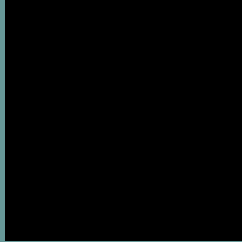
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6070, 0.2679, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 27.6070, 0.2679, 0.3289.

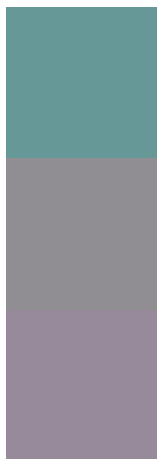


This preview shows how white text looks on a background with the Yxy color 27.6070, 0.2679, 0.3289.

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

27.6070, 0.2679, 0.3289

Protanopia

27.3506, 0.3109, 0.3225

Deuteranopia

27.4111, 0.3096, 0.3041



Tritanopia

27.4855, 0.2623, 0.3084

Trichromacy



Original Color

27.6070, 0.2679, 0.3289

Protanomaly

27.3630, 0.2936, 0.3256

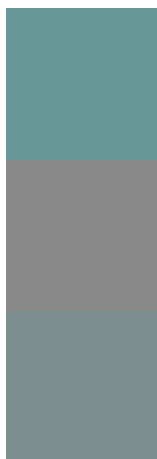
Deuteranomaly

27.3479, 0.2931, 0.3126

Tritanomaly

27.6051, 0.2647, 0.3168

Monochromacy



Original Color

27.6070, 0.2679, 0.3289

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.6590, 0.2950, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6070, 0.2679, 0.3289 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(103, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(103, 152, 152)  
}
```

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(103, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 152, 152) }
```

Border

The CSS property to change the border of an element to Yxy 27.6070, 0.2679, 0.3289 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(103, 152, 152) }
```

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

```
.border{ border-color:rgb(103, 152, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 152, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(103, 152,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6070, 0.2679, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 152, 152) }
```

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

```
.background{ background-color: rgb(103,  
152, 152) }
```

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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