

Converting Colors

$Y_{xy}(30.2065, 0.2578, 0.3288)$

Have a look what the booklet for
Yxy(30.2065, 0.2578, 0.3288)
contains.

Yxy(30.1126, 0.2581, 0.3288)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.1126, 0.2581, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	5FA0A0
RGB	95, 160, 160
RGB Percent	37%, 63%, 63%
CMY	0.6274, 0.3726, 0.3725
CMYK	0.41, 0.00, 0.00, 0.37
HSL	180°, 25%, 50%
HSV	180°, 41%, 63%
XYZ	23.6377, 30.1126, 37.8331
YIQ	140.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

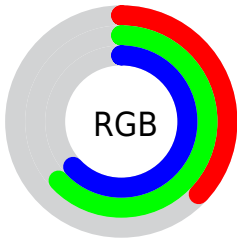
Format	Color
RYB	95, 128, 160
Decimal	6267040
CIELab	61.75, -20.70, -6.55
CIELCh	62, 21.715, 197.558
Yxy	30.1126, 0.2581, 0.3288
Android (android.graphics.Color)	4284457120 (0xFF5FA0A0)
YUV	140.5650, 9.5815, -39.9605
Hunter-Lab	54.8749, -19.1414, -2.4645

Details

The Yxy color **30.1126, 0.2581, 0.3288** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.4934, 0.4126, 0.3293**, and the grayscale version is **26.4325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8967, 0.2688, 0.3289**, and **12.3007, 0.2397, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **29.3411, 0.2481, 0.3288**, and if you desaturate by 10%, it is **31.0625, 0.2697, 0.3288**.

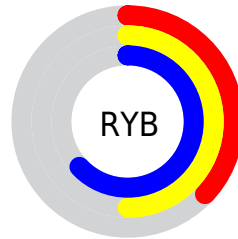
Distribution



Red (37%)

Green (63%)

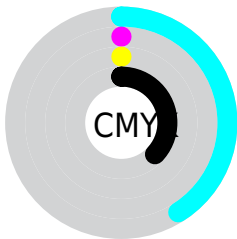
Blue (63%)



Red (37%)

Yellow (50%)

Blue (63%)

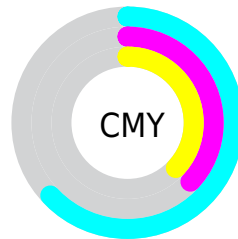


Cyan (41%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (63%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1126, 0.2581, 0.3288 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 30.1126, 0.2581, 0.3288 by changing the saturation by 10% instead.


 30.1126, 0.2581,
0.3288


 30.1126, 0.2581,
0.3288


302.4290, 0.2870,
0.3294


 19.9241, 0.2504,
0.3284


 59.8402, 0.2690,
0.3292

 12.3399, 0.2401,
0.3278


 80.1481, 0.2729,
0.3293

 6.9756, 0.2259,
0.3266


 104.5978, 0.2763,
0.3293

 3.4468, 0.2049,
0.3243

 133.5739, 0.2791,
0.3294

 1.3692, 0.1704,
0.3191

167.4606, 0.2815,
0.3294

 0.1939, 0.0000,
0.2247

206.6425, 0.2835,

 0.0000, 0.0000,

0.3294

0.0000

251.5038, 0.2854,
0.3294

■ 30.1126, 0.2581,
0.3288

■ 30.1126, 0.2581,
0.3288

■ 29.3411, 0.2481,
0.3288

■ 31.0625, 0.2697,
0.3288

■ 28.7335, 0.2399,
0.3287

■ 32.1973, 0.2827,
0.3289

■ 28.2791, 0.2335,
0.3287

■ 33.5272, 0.2968,
0.3289

■ 27.9641, 0.2289,
0.3287

■ 35.0608, 0.3118,
0.3290

■ 27.7724, 0.2261,
0.3287

■ 36.8062, 0.3273,
0.3291

■ 27.6691, 0.2246,
0.3286

■ 38.7711, 0.3431,
0.3291

■ 40.9627, 0.3589,
0.3292

■ 43.3879, 0.3746,
0.3292

■ 46.0533, 0.3899,
0.3293

Harmonies

Analogous

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



30.1126, 0.2831, 0.3623



30.1126, 0.2581, 0.3288



30.1126, 0.2474, 0.2977

Triad

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



30.1126, 0.2581, 0.3288



30.1126, 0.3054, 0.2793



30.1126, 0.3753, 0.3787

Complementary

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



30.1126, 0.2581, 0.3288



16.4934, 0.4126, 0.3293

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.



30.1126, 0.3827, 0.3541



30.1126, 0.2581, 0.3288



30.1126, 0.3411, 0.2986

Square

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



30.1126, 0.2581, 0.3288



30.1126, 0.2735, 0.2716



30.1126, 0.3700, 0.3252



30.1126, 0.3507, 0.3915

Rectangle

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



30.1126, 0.2581, 0.3288



30.1126, 0.2493, 0.2828



30.1126, 0.3700, 0.3252



30.1126, 0.3799, 0.3715

Sweetspot

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



30.1138, 0.2581, 0.3288



60.4457, 0.2945, 0.3289



28.4090, 0.3070, 0.4505



13.1907, 0.2928, 0.3289



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.1138, 0.2581, 0.3288



53.3453, 0.2487, 0.3288



20.2855, 0.2490, 0.2697



7.5091, 0.2988, 0.3290



21.5479, 0.2246, 0.3286



0.3854, 0.2246, 0.3287

Inverse Universe

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



18.2010, 0.3173, 0.2316



28.6173, 0.3183, 0.2115



23.6152, 0.3910, 0.3812



6.7546, 0.3138, 0.3070



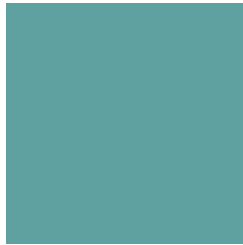
7.7975, 0.3210, 0.1542



0.1394, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 30.1126, 0.2581, 0.3288 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.1126, 0.2581, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

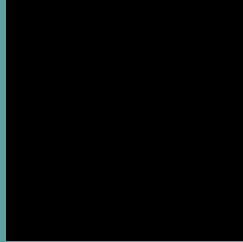
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1126, 0.2581, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 30.1126, 0.2581, 0.3288.

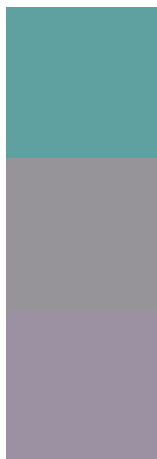


This preview shows how white text looks on a background with the Yxy color 30.1126, 0.2581, 0.3288.

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

30.1126, 0.2581, 0.3288

Protanopia

29.9637, 0.3100, 0.3212

Deuteranopia

29.6588, 0.3068, 0.3004



Tritanopia

29.9907, 0.2521, 0.3072

Trichromacy



Original Color

30.1126, 0.2581, 0.3288

Protanomaly

29.6026, 0.2879, 0.3224

Deuteranomaly

29.4897, 0.2864, 0.3098

Tritanomaly

30.1277, 0.2544, 0.3154

Monochromacy



Original Color

30.1126, 0.2581, 0.3288

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.6030, 0.2889, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1126, 0.2581, 0.3288 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(95, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(95, 160, 160)  
}
```

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(95, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 160, 160) }
```

Border

The CSS property to change the border of an element to Yxy 30.1126, 0.2581, 0.3288 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(95, 160, 160) }
```

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

```
.border{ border-color:rgb(95, 160, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(95, 160,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1126, 0.2581, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 160, 160) }
```

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

```
.background{ background-color: rgb(95, 160,  
160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor