

Converting Colors

$Y_{xy}(29.4243, 0.2686, 0.3301)$

Have a look what the booklet for
Yxy(29.4243, 0.2686, 0.3301)
contains.

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Color

Yxy(29.5784, 0.2682, 0.3306)

Conversions

Conversions Part 1

Format	Color
Hex	6A9D9C
RGB	106, 157, 156
RGB Percent	42%, 62%, 61%
CMY	0.5846, 0.3843, 0.3882
CMYK	0.33, 0.00, 0.01, 0.38
HSL	179°, 21%, 52%
HSV	179°, 33%, 62%
XYZ	23.9955, 29.5784, 35.8949
YIQ	141.6370, -30.0750, -11.1230

Conversions

Conversions Part 2

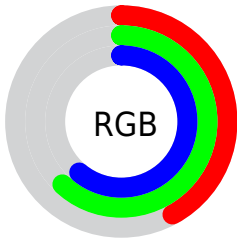
Format	Color
RYB	106, 132, 157
Decimal	6987164
CIELab	61.29, -17.13, -4.91
CIELCh	61, 17.820, 195.978
Yxy	29.5784, 0.2682, 0.3306
Android (android.graphics.Color)	4285177244 (0xFF6A9D9C)
YUV	141.6370, 7.0810, -31.2536
Hunter-Lab	54.3860, -16.4199, -1.0613

Details

The Yxy color **29.5784, 0.2682, 0.3306** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.5254, 0.3838, 0.3275**, and the grayscale version is **26.8753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1110, 0.2774, 0.3314**, and **12.1402, 0.2533, 0.3314** is the 20% darker color. If you saturate the color by 10%, you get **28.6942, 0.2571, 0.3312**, and if you desaturate by 10%, it is **30.6411, 0.2807, 0.3301**.

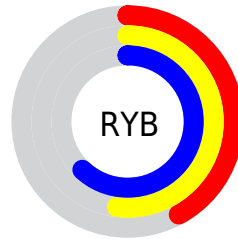
Distribution



Red (42%)

Green (62%)

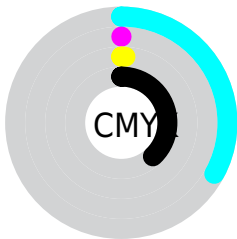
Blue (61%)



Red (42%)

Yellow (52%)

Blue (62%)

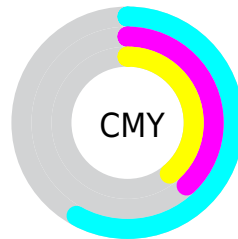


Cyan (33%)

Magenta (0%)

Yellow (1%)

Black (38%)



Cyan (58%)


Magenta (38%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5784, 0.2682, 0.3306 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 29.5784, 0.2682, 0.3306 by changing the saturation by 10% instead.


 29.5784, 0.2682,
0.3306

 29.5784, 0.2682,
0.3306


299.9343, 0.2919,
0.3301


 19.5188, 0.2618,
0.3306

 58.9948, 0.2772,
0.3305


 12.0457, 0.2532,
0.3305


 79.1204, 0.2804,
0.3304

 6.7748, 0.2412,
0.3303


 103.3701, 0.2831,
0.3304

 3.3217, 0.2233,
0.3295

 132.1283, 0.2854,
0.3303

 1.3019, 0.1934,
0.3271

165.7795, 0.2874,
0.3302

 0.1427, 0.0000,
0.2226

204.7079, 0.2891,

 0.0000, 0.0000,

0.3302

0.0000

249.2981, 0.2906,
0.3301

■ 29.5784, 0.2682,
0.3306

■ 29.5784, 0.2682,
0.3306

■ 28.6942, 0.2571,
0.3312

■ 30.6411, 0.2807,
0.3301

■ 27.9752, 0.2475,
0.3318

■ 31.8877, 0.2944,
0.3296

■ 27.4122, 0.2398,
0.3324


■ 33.3276, 0.3089,
0.3291


■ 26.9935, 0.2339,
0.3330


■ 34.9686, 0.3240,
0.3287


■ 26.7054, 0.2298,
0.3336


■ 36.8180, 0.3395,
0.3283

 26.5323, 0.2274,
0.3343

 38.8829, 0.3550,
0.3280

 26.4483, 0.2263,
0.3347

 41.1700, 0.3703,
0.3277

 43.6855, 0.3854,
0.3275

 46.4357, 0.4000,
0.3273

Harmonies

Analogous

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



29.5784, 0.2897, 0.3576



29.5784, 0.2682, 0.3306



29.5784, 0.2585, 0.3046

Triad

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



29.5784, 0.2682, 0.3306



29.5784, 0.3054, 0.2869



29.5784, 0.3651, 0.3696

Complementary

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



29.5784, 0.2682, 0.3306



18.5254, 0.3838, 0.3275

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.



29.5784, 0.3702, 0.3491



29.5784, 0.2682, 0.3306



29.5784, 0.3348, 0.3026

Square

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



29.5784, 0.2682, 0.3306



29.5784, 0.2791, 0.2810



29.5784, 0.3590, 0.3249



29.5784, 0.3457, 0.3803

Rectangle

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



29.5784, 0.2682, 0.3306



29.5784, 0.2595, 0.2917



29.5784, 0.3590, 0.3249



29.5784, 0.3686, 0.3636

Sweetspot

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



29.5796, 0.2682, 0.3306



57.6669, 0.2977, 0.3295



28.3240, 0.3099, 0.4220



12.6189, 0.2959, 0.3295



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.



29.5796, 0.2682, 0.3306



51.7875, 0.2600, 0.3310



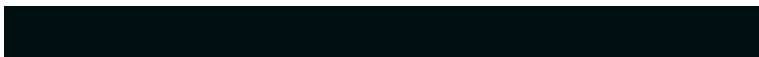
22.3193, 0.2624, 0.2865



7.5072, 0.2991, 0.3294



21.4770, 0.2263, 0.3347



0.3847, 0.2256, 0.3321

Inverse Universe

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



18.5254, 0.3838, 0.3275



28.8703, 0.4073, 0.3272



24.1141, 0.3731, 0.3678



6.6482, 0.3281, 0.3286



5.8280, 0.6372, 0.3284



0.1048, 0.6234, 0.3208

Previews

White Background



This preview shows how the Yxy color 29.5784, 0.2682, 0.3306 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 29.5784, 0.2682, 0.3306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

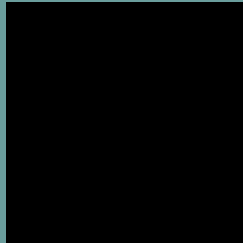
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5784, 0.2682, 0.3306

Background



This preview shows how black text looks on a background with the Yxy color 29.5784, 0.2682, 0.3306.



This preview shows how white text looks on a background with the Yxy color 29.5784, 0.2682, 0.3306.

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

29.5784, 0.2682, 0.3306

Protanopia

29.4590, 0.3119, 0.3243

Deuteranopia

29.2160, 0.3107, 0.3047



Tritanopia

29.5211, 0.2613, 0.3074

Trichromacy



Original Color

29.5784, 0.2682, 0.3306

Protanomaly

29.3868, 0.2941, 0.3273

Deuteranomaly

29.0517, 0.2935, 0.3130

Tritanomaly

29.6454, 0.2637, 0.3155

Monochromacy



Original Color

29.5784, 0.2682, 0.3306

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.6411, 0.2946, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5784, 0.2682, 0.3306 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(106, 157, 156)` looks like.

```
.text, #text, p{  
    color:rgb(106, 157, 156)  
}
```

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(106, 157, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 157, 156) }
```

Border

The CSS property to change the border of an element to Yxy 29.5784, 0.2682, 0.3306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

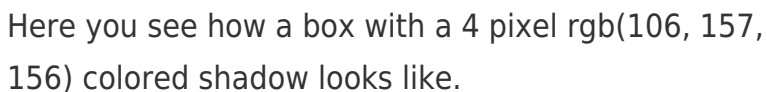
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 157, 156) }
```

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

```
.border{ border-color:rgb(106, 157, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 157, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 157, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 157, 156); box-shadow:4px 4px 4px 4px rgb(106, 157, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5784, 0.2682, 0.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 157, 156) }
```

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

```
.background{ background-color: rgb(106,  
157, 156) }
```

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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