

Converting Colors

$Y_{xy}(33.6295, 0.2682, 0.3026)$

Have a look what the booklet for
Yxy(33.6295, 0.2682, 0.3026)
contains.

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Color

Yxy(33.6074, 0.2686, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	7FA2B3
RGB	127, 162, 179
RGB Percent	50%, 64%, 70%
CMY	0.5019, 0.3647, 0.2980
CMYK	0.29, 0.10, 0.00, 0.30
HSL	200°, 25%, 60%
HSV	200°, 29%, 70%
XYZ	29.8116, 33.6074, 47.5698
YIQ	153.4730, -26.3170, -2.1330

Conversions

Conversions Part 2

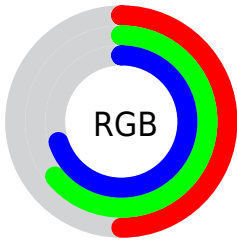
Format	Color
RYB	127, 148, 179
Decimal	8364723
CIELab	64.65, -7.91, -12.71
CIELCh	65, 14.968, 238.099
Yxy	33.6074, 0.2686, 0.3028
Android (android.graphics.Color)	4286554803 (0xFF7FA2B3)
YUV	153.4730, 12.5848, -23.2168
Hunter-Lab	57.9719, -9.6586, -8.0711

Details

The Yxy color **33.6074, 0.2686, 0.3028** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.0725, 0.3688, 0.3537**, and the grayscale version is **32.0266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4476, 0.2771, 0.3081**, and **14.1947, 0.2549, 0.2936** is the 20% darker color. If you saturate the color by 10%, you get **30.3383, 0.2540, 0.2922**, and if you desaturate by 10%, it is **37.2195, 0.2837, 0.3126**.

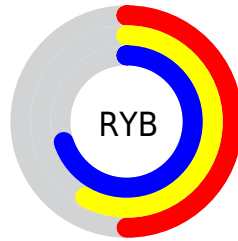
Distribution



Red (50%)

Green (64%)

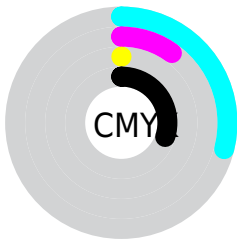
Blue (70%)



Red (50%)

Yellow (58%)

Blue (70%)

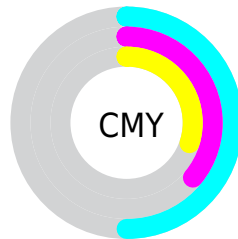


Cyan (29%)

Magenta (10%)

Yellow (0%)

Black (30%)



Cyan (50%)

Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.6074, 0.2686, 0.3028 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 33.6074, 0.2686, 0.3028 by changing the saturation by 10% instead.

■ 33.6074, 0.2686,
0.3028

■ 33.6074, 0.2686,
0.3028

■ 318.3779, 0.2915,
0.3168

■ 22.5922, 0.2626,
0.2990

■ 65.3227, 0.2771,
0.3081

■ 14.2927, 0.2547,
0.2939

■ 86.7915, 0.2803,
0.3101

■ 8.3245, 0.2440,
0.2867

■ 112.5136, 0.2829,
0.3117

■ 4.3033, 0.2284,
0.2761

■ 142.8735, 0.2852,
0.3130

■ 1.8446, 0.2042,
0.2585

■ 178.2554, 0.2871,
0.3142

■ 0.5148, 0.1263,
0.2195

■ 219.0439, 0.2888,

■ 0.0000, 0.0000,

0.3152

0.0000

265.6233, 0.2902,
0.3161

■ 33.6074, 0.2686,
0.3028

■ 33.6074, 0.2686,
0.3028

■ 30.3383, 0.2540,
0.2922

■ 37.2195, 0.2837,
0.3126

■ 27.3940, 0.2402,
0.2809

■ 41.1838, 0.2990,
0.3216

■ 24.7604, 0.2276,
0.2690

■ 45.5142, 0.3142,
0.3297

■ 22.4204, 0.2165,
0.2568

■ 50.2222, 0.3290,
0.3370

■ 20.3550, 0.2073,
0.2444

■ 55.3192, 0.3434,
0.3435

■ 18.5418, 0.2001,
0.2320

■ 60.8158, 0.3572,
0.3492

■ 16.9411, 0.1946,
0.2198

■ 66.7220, 0.3704,
0.3543

■ 16.7950, 0.1941,
0.2186

■ 70.0452, 0.3708,
0.3600

■ 72.9698, 0.3691,
0.3659

Harmonies

Analogous

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



33.6074, 0.2722, 0.3216



33.6074, 0.2686, 0.3028



33.6074, 0.2763, 0.2919

Triad

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



33.6074, 0.2686, 0.3028



33.6074, 0.3393, 0.3146



33.6074, 0.3309, 0.3702

Complementary

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



33.6074, 0.2686, 0.3028



31.0725, 0.3688, 0.3537

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.



33.6074, 0.3499, 0.3665



33.6074, 0.2686, 0.3028



33.6074, 0.3550, 0.3340

Square

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



33.6074, 0.2686, 0.3028



33.6074, 0.3166, 0.2990



33.6074, 0.3588, 0.3529



33.6074, 0.3076, 0.3619

Rectangle

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



33.6074, 0.2686, 0.3028



33.6074, 0.2869, 0.2901



33.6074, 0.3588, 0.3529



33.6074, 0.3380, 0.3703

Sweetspot

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



33.6087, 0.2686, 0.3028



73.6702, 0.2988, 0.3215



38.7562, 0.2966, 0.3848



16.0860, 0.2966, 0.3203



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



33.6087, 0.2686, 0.3028



56.2836, 0.2590, 0.2959



25.5309, 0.2643, 0.2618



9.1535, 0.2986, 0.3214



11.9887, 0.1945, 0.2201



0.4781, 0.2039, 0.2540

Inverse Universe

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



27.3760, 0.3343, 0.2798



43.6744, 0.3407, 0.2685



39.6727, 0.3592, 0.3883



8.5985, 0.3186, 0.3138



7.7504, 0.4232, 0.2105



0.2540, 0.3882, 0.1912

Previews

White Background



This preview shows how the Yxy color 33.6074, 0.2686, 0.3028 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 33.6074, 0.2686, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

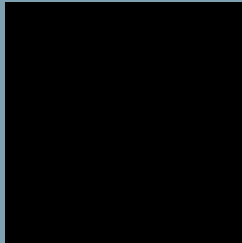
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

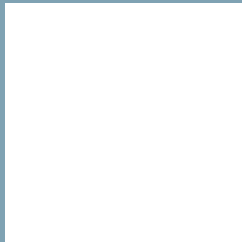
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.6074, 0.2686, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 33.6074, 0.2686, 0.3028.



This preview shows how white text looks on a background with the Yxy color 33.6074, 0.2686, 0.3028.

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

33.6074, 0.2686, 0.3028

Protanopia

33.4079, 0.2941, 0.2997

Deuteranopia

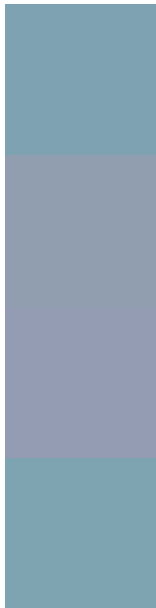
33.5922, 0.2945, 0.2890



Tritanopia

33.7646, 0.2702, 0.3088

Trichromacy



Original Color

33.6074, 0.2686, 0.3028

Protanomaly

33.5176, 0.2845, 0.3021

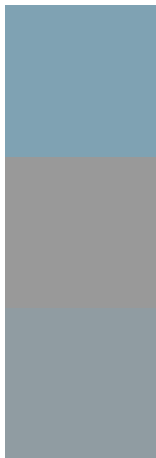
Deuteranomaly

33.3681, 0.2846, 0.2937

Tritanomaly

33.8043, 0.2694, 0.3073

Monochromacy



Original Color

33.6074, 0.2686, 0.3028

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.3149, 0.2960, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6074, 0.2686, 0.3028 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(127, 162, 179)` looks like.

```
.text, #text, p{  
    color:rgb(127, 162, 179)  
}
```

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(127, 162, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 162, 179) }
```

Border

The CSS property to change the border of an element to Yxy 33.6074, 0.2686, 0.3028 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(127, 162, 179) }
```

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

```
.border{ border-color:rgb(127, 162, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 162, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 162, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 162, 179);  
box-shadow:4px 4px 4px 4px rgb(127, 162,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6074, 0.2686, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 162, 179) }
```

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

```
.background{ background-color: rgb(127,  
162, 179) }
```

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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