

Converting Colors

$Yxy(30.6506, 0.2617, 0.3179)$

Have a look what the booklet for
Yxy(30.6506, 0.2617, 0.3179)
contains.

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Color

Yxy(30.6136, 0.2614, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	6A9FA6
RGB	106, 159, 166
RGB Percent	42%, 62%, 65%
CMY	0.5845, 0.3764, 0.3491
CMYK	0.36, 0.04, 0.00, 0.35
HSL	187°, 25%, 53%
HSV	187°, 36%, 65%
XYZ	25.2203, 30.6136, 40.6477
YIQ	143.9510, -33.8350, -9.0590

Conversions

Conversions Part 2

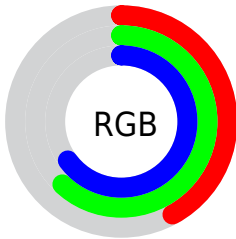
Format	Color
RYB	106, 134, 166
Decimal	6987686
CIELab	62.18, -15.69, -9.22
CIElCh	62, 18.192, 210.434
Yxy	30.6136, 0.2614, 0.3173
Android (android.graphics.Color)	4285177766 (0xFF6A9FA6)
YUV	143.9510, 10.8702, -33.2830
Hunter-Lab	55.3296, -15.4630, -4.8265

Details

The Yxy color **30.6136, 0.2614, 0.3173** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9412, 0.3935, 0.3402**, and the grayscale version is **27.8320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7872, 0.2718, 0.3203**, and **12.5146, 0.2445, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **29.0368, 0.2495, 0.3136**, and if you desaturate by 10%, it is **32.4000, 0.2745, 0.3208**.

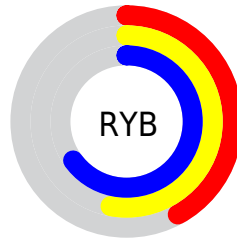
Distribution



Red (42%)

Green (62%)

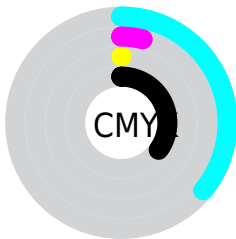
Blue (65%)



Red (42%)

Yellow (53%)

Blue (65%)

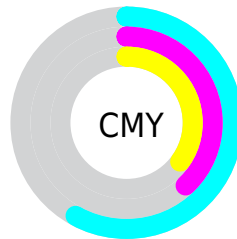


Cyan (36%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (58%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.6136, 0.2614, 0.3173 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 30.6136, 0.2614, 0.3173 by changing the saturation by 10% instead.


 30.6136, 0.2614,
0.3173


 30.6136, 0.2614,
0.3173


304.7542, 0.2884,
0.3240

 20.3048, 0.2542,
0.3153


 60.6312, 0.2716,
0.3200


 12.6168, 0.2447,
0.3125


 81.1088, 0.2753,
0.3209

 7.1652, 0.2315,
0.3083


 105.7448, 0.2784,
0.3217

 3.5656, 0.2122,
0.3015

 134.9235, 0.2810,
0.3223

 1.4337, 0.1814,
0.2889

169.0294, 0.2832,
0.3228

 0.2413, 0.0000,
0.2102

208.4469, 0.2852,

 0.0000, 0.0000,

0.3233

0.0000

253.5604, 0.2869,
0.3237

■ 30.6136, 0.2614,
0.3173

■ 30.6136, 0.2614,
0.3173

■ 29.0368, 0.2495,
0.3136

■ 32.4000, 0.2745,
0.3208

■ 27.6544, 0.2392,
0.3097

■ 34.4029, 0.2886,
0.3242

■ 26.4551, 0.2306,
0.3057


■ 36.6332, 0.3034,
0.3272

■ 25.4247, 0.2238,
0.3017


■ 39.1002, 0.3186,
0.3300

■ 24.5469, 0.2188,
0.2977


■ 41.8125, 0.3339,
0.3326


 23.7991, 0.2156,
0.2938

 44.7782, 0.3492,
0.3349

 23.5275, 0.2145,
0.2923

 48.0053, 0.3642,
0.3369

 51.5011, 0.3788,
0.3386

 55.2064, 0.3926,
0.3402

Harmonies

Analogous

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



30.6136, 0.2778, 0.3452



30.6136, 0.2614, 0.3173



30.6136, 0.2581, 0.2945

Triad

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



30.6136, 0.2614, 0.3173



30.6136, 0.3197, 0.2931



30.6136, 0.3577, 0.3768

Complementary

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



30.6136, 0.2614, 0.3173



20.9412, 0.3935, 0.3402

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.



30.6136, 0.3703, 0.3601



30.6136, 0.2614, 0.3173



30.6136, 0.3479, 0.3127

Square

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



30.6136, 0.2614, 0.3173



30.6136, 0.2907, 0.2820



30.6136, 0.3668, 0.3367



30.6136, 0.3331, 0.3808

Rectangle

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



30.6136, 0.2614, 0.3173



30.6136, 0.2636, 0.2850



30.6136, 0.3668, 0.3367



30.6136, 0.3635, 0.3723

Sweetspot

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



30.6148, 0.2614, 0.3173



64.4053, 0.2959, 0.3257



31.4975, 0.3031, 0.4245



14.2962, 0.2940, 0.3253



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



30.6148, 0.2614, 0.3173



53.3539, 0.2522, 0.3145



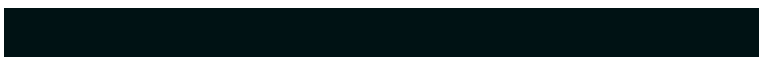
21.7724, 0.2544, 0.2663



8.3811, 0.2987, 0.3263



18.2923, 0.2146, 0.2926



0.4855, 0.2183, 0.3057

Inverse Universe

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



20.9096, 0.3251, 0.2506



33.4681, 0.3283, 0.2347



28.4839, 0.3776, 0.3843



7.6514, 0.3154, 0.3093



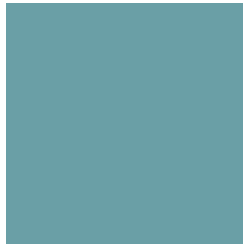
7.9177, 0.3520, 0.1713



0.1967, 0.3404, 0.1649

Previews

White Background



This preview shows how the Yxy color 30.6136, 0.2614, 0.3173 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 30.6136, 0.2614, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

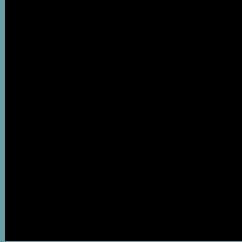
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6136, 0.2614, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 30.6136, 0.2614, 0.3173.



This preview shows how white text looks on a background with the Yxy color 30.6136, 0.2614, 0.3173.

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

30.6136, 0.2614, 0.3173

Protanopia

30.4225, 0.3025, 0.3121

Deuteranopia

30.3909, 0.3002, 0.2947



Tritanopia

30.5198, 0.2584, 0.3076

Trichromacy



Original Color

30.6136, 0.2614, 0.3173

Protanomaly

30.3776, 0.2857, 0.3146

Deuteranomaly

30.2787, 0.2842, 0.3024

Tritanomaly

30.4441, 0.2598, 0.3108

Monochromacy



Original Color

30.6136, 0.2614, 0.3173

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.5077, 0.2912, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6136, 0.2614, 0.3173 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, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(106, 159, 166)  
}
```

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, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 159, 166) }
```

Border

The CSS property to change the border of an element to Yxy 30.6136, 0.2614, 0.3173 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, 159, 166) }
```

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

```
.border{ border-color:rgb(106, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(106, 159,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6136, 0.2614, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 159, 166) }
```

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

```
.background{ background-color: rgb(106,  
159, 166) }
```

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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