

Converting Colors

$Yxy(30.9198, 0.2806, 0.3181)$

Have a look what the booklet for
Yxy(30.9198, 0.2806, 0.3181)
contains.

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Color

Yxy(31.0105, 0.2807, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	809CA3
RGB	128, 156, 163
RGB Percent	50%, 61%, 64%
CMY	0.4982, 0.3882, 0.3607
CMYK	0.22, 0.04, 0.00, 0.36
HSL	192°, 16%, 57%
HSV	192°, 22%, 64%
XYZ	27.3990, 31.0105, 39.1999
YIQ	148.4260, -18.9350, -3.7590

Conversions

Conversions Part 2

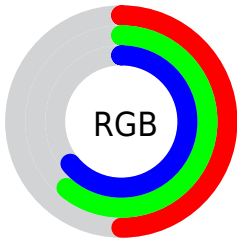
Format	Color
RYB	128, 144, 163
Decimal	8428707
CIELab	62.52, -8.14, -6.90
CIELCh	63, 10.673, 220.313
Yxy	31.0105, 0.2807, 0.3177
Android (android.graphics.Color)	4286618787 (0xFF809CA3)
YUV	148.4260, 7.1850, -17.9136
Hunter-Lab	55.6871, -9.6274, -2.7552

Details

The Yxy color **31.0105, 0.2807, 0.3177** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.6679, 0.3527, 0.3400**, and the grayscale version is **29.7755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9789, 0.2868, 0.3193**, and **12.8705, 0.2707, 0.3149** is the 20% darker color. If you saturate the color by 10%, you get **28.7684, 0.2666, 0.3117**, and if you desaturate by 10%, it is **33.4876, 0.2954, 0.3232**.

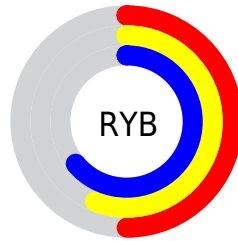
Distribution



Red (50%)

Green (61%)

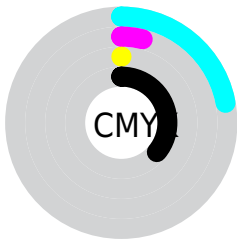
Blue (64%)



Red (50%)

Yellow (56%)

Blue (64%)

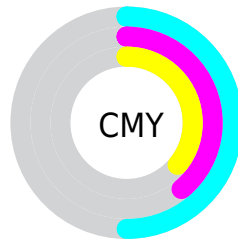


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (36%)



Cyan (50%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.0105, 0.2807, 0.3177 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 31.0105, 0.2807, 0.3177 by changing the saturation by 10% instead.

■ 31.0105, 0.2807,
0.3177

■ 31.0105, 0.2807,
0.3177

■ 306.5867, 0.2976,
0.3239

■ 20.6068, 0.2761,
0.3159

■ 61.2566, 0.2871,
0.3201

■ 12.8369, 0.2701,
0.3135

■ 81.8678, 0.2894,
0.3210

■ 7.3163, 0.2616,
0.3101

■ 106.6504, 0.2914,
0.3217

■ 3.6607, 0.2490,
0.3047

■ 135.9887, 0.2930,
0.3223

■ 1.4856, 0.2284,
0.2951

■ 170.2670, 0.2944,
0.3228

■ 0.2786, 0.0585,
0.2464

■ 209.8699, 0.2956,

■ 0.0000, 0.0000,

0.3232

0.0000

255.1816, 0.2967,
0.3236

■ 31.0105, 0.2807,
0.3177

■ 31.0105, 0.2807,
0.3177

■ 28.7684, 0.2666,
0.3117

■ 33.4876, 0.2954,
0.3232

■ 26.7475, 0.2534,
0.3054

■ 36.2052, 0.3104,
0.3283

■ 24.9385, 0.2414,
0.2986

■ 39.1731, 0.3256,
0.3329

■ 23.3296, 0.2309,
0.2917

■ 42.3998, 0.3405,
0.3370

■ 21.9079, 0.2221,
0.2846

■ 45.8929, 0.3552,
0.3406

■ 20.6585, 0.2151,
0.2774

■ 49.6600, 0.3693,
0.3438

■ 19.5642, 0.2100,
0.2702

■ 53.7083, 0.3830,
0.3466

■ 18.7218, 0.2067,
0.2642

■ 57.3973, 0.3931,
0.3493

■ 58.7491, 0.3918,
0.3527

Harmonies

Analogous

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



31.0105, 0.2882, 0.3333



31.0105, 0.2807, 0.3177



31.0105, 0.2815, 0.3058

Triad

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



31.0105, 0.2807, 0.3177



31.0105, 0.3227, 0.3110



31.0105, 0.3350, 0.3585

Complementary

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



31.0105, 0.2807, 0.3177



26.6679, 0.3527, 0.3400

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.



31.0105, 0.3448, 0.3515



31.0105, 0.2807, 0.3177



31.0105, 0.3377, 0.3241

Square

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



31.0105, 0.2807, 0.3177



31.0105, 0.3054, 0.3024



31.0105, 0.3459, 0.3388



31.0105, 0.3194, 0.3575

Rectangle

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



31.0105, 0.2807, 0.3177



31.0105, 0.2866, 0.3014



31.0105, 0.3459, 0.3388



31.0105, 0.3392, 0.3570

Sweetspot

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



31.0118, 0.2807, 0.3177



62.5264, 0.3035, 0.3260



32.5199, 0.3046, 0.3762



13.9764, 0.3026, 0.3257



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



31.0118, 0.2807, 0.3177



53.4741, 0.2736, 0.3148



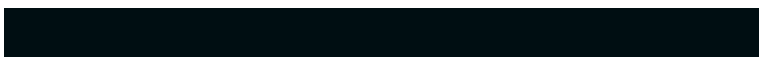
25.7166, 0.2788, 0.2896



7.7695, 0.2988, 0.3244



14.6114, 0.2069, 0.2648



0.3649, 0.2140, 0.2905

Inverse Universe

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



25.6192, 0.3227, 0.2868



42.1314, 0.3254, 0.2767



31.7764, 0.3475, 0.3655



7.1778, 0.3166, 0.3112



7.3192, 0.3778, 0.1855



0.1596, 0.3538, 0.1723

Previews

White Background



This preview shows how the Yxy color 31.0105, 0.2807, 0.3177 looks on a white background.

Color Contrast Check

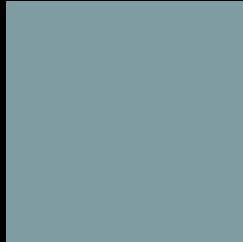
Large Text (above 18pt) WCAG AA × Fail

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 31.0105, 0.2807, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

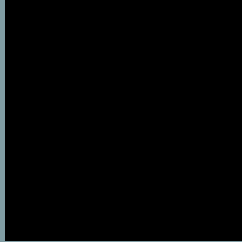
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

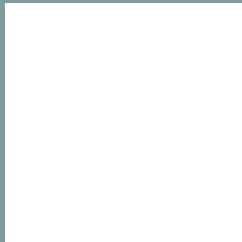
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.0105, 0.2807, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 31.0105, 0.2807, 0.3177.

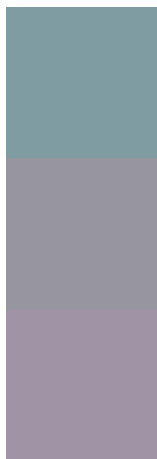


This preview shows how white text looks on a background with the Yxy color 31.0105, 0.2807, 0.3177.

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

31.0105, 0.2807, 0.3177

Protanopia

30.8952, 0.3053, 0.3152

Deuteranopia

30.9550, 0.3079, 0.3023



Tritanopia

30.9370, 0.2775, 0.3084

Trichromacy



Original Color

31.0105, 0.2807, 0.3177

Protanomaly

30.8342, 0.2967, 0.3165

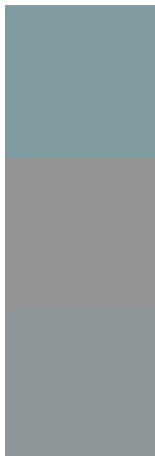
Deuteranomaly

30.7889, 0.2979, 0.3076

Tritanomaly

30.8630, 0.2791, 0.3114

Monochromacy



Original Color

31.0105, 0.2807, 0.3177

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.0958, 0.3009, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0105, 0.2807, 0.3177 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(128, 156, 163)` looks like.

```
.text, #text, p{  
    color:rgb(128, 156, 163)  
}
```

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(128, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 156, 163) }
```

Border

The CSS property to change the border of an element to Yxy 31.0105, 0.2807, 0.3177 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(128, 156, 163) }
```

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

```
.border{ border-color:rgb(128, 156, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 156, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(128, 156,  
163) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.0105, 0.2807, 0.3177$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 156, 163) }
```

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

```
.background{ background-color: rgb(128,  
156, 163) }
```

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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