

Converting Colors

$Y_{xy}(35.9213, 0.2803, 0.3116)$

Have a look what the booklet for
Yxy(35.9213, 0.2803, 0.3116)
contains.

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Color

Yxy(36.0222, 0.2810, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	8CA6B1
RGB	140, 166, 177
RGB Percent	55%, 65%, 69%
CMY	0.4511, 0.3490, 0.3060
CMYK	0.21, 0.06, 0.00, 0.31
HSL	198°, 19%, 62%
HSV	198°, 21%, 69%
XYZ	32.3808, 36.0222, 46.8312
YIQ	159.4800, -19.0270, -2.0910

Conversions

Conversions Part 2

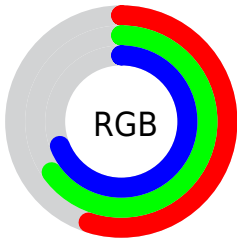
Format	Color
RYB	140, 155, 177
Decimal	9217713
CIELab	66.54, -6.55, -8.66
CIElCh	67, 10.863, 232.900
Yxy	36.0222, 0.2810, 0.3126
Android (android.graphics.Color)	4287407793 (0xFF8CA6B1)
YUV	159.4800, 8.6374, -17.0840
Hunter-Lab	60.0185, -8.7292, -4.2498

Details

The Yxy color **36.0222, 0.2810, 0.3126** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3479, 0.3507, 0.3448**, and the grayscale version is **34.8658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0654, 0.2868, 0.3154**, and **15.6137, 0.2715, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **32.7406, 0.2662, 0.3036**, and if you desaturate by 10%, it is **39.6317, 0.2961, 0.3209**.

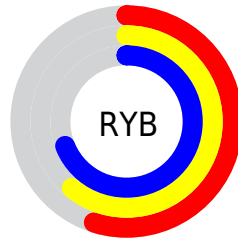
Distribution



Red (55%)

Green (65%)

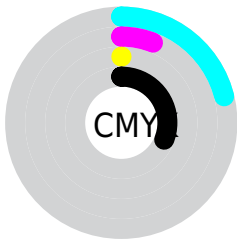
Blue (69%)



Red (55%)

Yellow (61%)

Blue (69%)

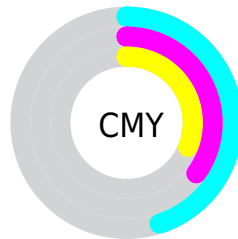


Cyan (21%)

Magenta (6%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0222, 0.2810, 0.3126 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 36.0222, 0.2810, 0.3126 by changing the saturation by 10% instead.

■ 36.0222, 0.2810,
0.3126

■ 36.0222, 0.2810,
0.3126

■ 329.0576, 0.2974,
0.3213

■ 24.4513, 0.2767,
0.3103

■ 69.0663, 0.2871,
0.3159

■ 15.6688, 0.2712,
0.3071

■ 91.3084, 0.2893,
0.3171

■ 9.2901, 0.2635,
0.3028

■ 117.8763, 0.2912,
0.3181

■ 4.9309, 0.2525,
0.2964

■ 149.1545, 0.2928,
0.3189

■ 2.2068, 0.2353,
0.2858

■ 185.5273, 0.2942,
0.3196

■ 0.7237, 0.1946,
0.2668

■ 227.3792, 0.2954,

■ 0.0000, 0.0000,

0.3203

0.0000

275.0944, 0.2965,
0.3208

■ 36.0222, 0.2810,
0.3126

■ 36.0222, 0.2810,
0.3126

■ 32.7406, 0.2662,
0.3036

■ 39.6317, 0.2961,
0.3209

■ 29.7698, 0.2520,
0.2940

■ 43.5767, 0.3113,
0.3284

■ 27.0975, 0.2387,
0.2837

■ 47.8698, 0.3263,
0.3351

■ 24.7089, 0.2268,
0.2730

■ 52.5216, 0.3409,
0.3411

■ 22.5874, 0.2166,
0.2620

■ 57.5423, 0.3550,
0.3464

■ 20.7143, 0.2081,
0.2508

■ 62.9417, 0.3686,
0.3511

■ 19.0676, 0.2017,
0.2398

■ 67.0116, 0.3742,
0.3559

■ 17.7274, 0.1972,
0.2298

■ 69.5256, 0.3726,
0.3612

■ 72.1240, 0.3710,
0.3665

Harmonies

Analogous

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



36.0222, 0.2850, 0.3267



36.0222, 0.2810, 0.3126



36.0222, 0.2852, 0.3035

Triad

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



36.0222, 0.2810, 0.3126



36.0222, 0.3290, 0.3165



36.0222, 0.3284, 0.3582

Complementary

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



36.0222, 0.2810, 0.3126



33.3479, 0.3507, 0.3448

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.



36.0222, 0.3408, 0.3545



36.0222, 0.2810, 0.3126



36.0222, 0.3412, 0.3303

Square

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



36.0222, 0.2810, 0.3126



36.0222, 0.3126, 0.3060



36.0222, 0.3455, 0.3441



36.0222, 0.3121, 0.3536

Rectangle

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



36.0222, 0.2810, 0.3126



36.0222, 0.2921, 0.3012



36.0222, 0.3455, 0.3441



36.0222, 0.3332, 0.3578

Sweetspot

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



36.0237, 0.2810, 0.3126



74.3211, 0.3035, 0.3246



39.2259, 0.3019, 0.3693



16.0106, 0.3025, 0.3241



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.0237, 0.2810, 0.3126



61.8086, 0.2743, 0.3086



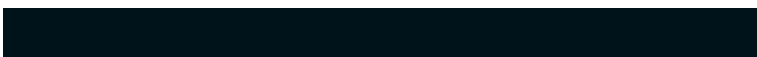
29.9205, 0.2792, 0.2848



9.1979, 0.2986, 0.3221



12.9564, 0.1975, 0.2310



0.5032, 0.2060, 0.2615

Inverse Universe

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



30.8440, 0.3261, 0.2925



51.0719, 0.3296, 0.2843



39.5987, 0.3458, 0.3696



8.6030, 0.3181, 0.3131



7.8481, 0.4116, 0.2041



0.2566, 0.3809, 0.1872

Previews

White Background



This preview shows how the Yxy color 36.0222, 0.2810, 0.3126 looks on a white background.

Color Contrast Check

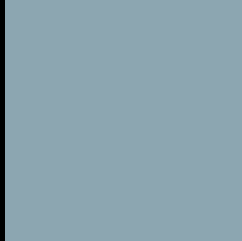
Large Text (above 18pt) WCAG AA × Fail

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 36.0222, 0.2810, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

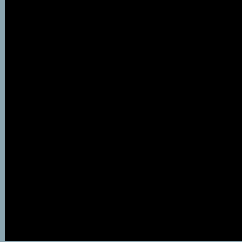
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

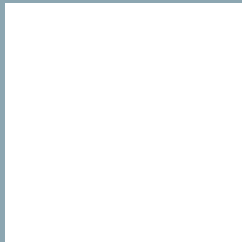
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0222, 0.2810, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 36.0222, 0.2810, 0.3126.



This preview shows how white text looks on a background with the Yxy color 36.0222, 0.2810, 0.3126.

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

36.0222, 0.2810, 0.3126

Protanopia

35.7747, 0.3015, 0.3090

Deuteranopia

35.8036, 0.3047, 0.2984



Tritanopia

36.1026, 0.2795, 0.3097

Trichromacy



Original Color

36.0222, 0.2810, 0.3126

Protanomaly

35.7081, 0.2934, 0.3100

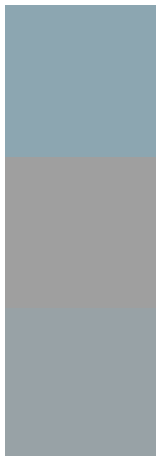
Deuteranomaly

35.6251, 0.2954, 0.3032

Tritanomaly

36.0622, 0.2803, 0.3111

Monochromacy



Original Color

36.0222, 0.2810, 0.3126

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.2692, 0.3000, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0222, 0.2810, 0.3126 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(140, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(140, 166, 177)  
}
```

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(140, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 166, 177) }
```

Border

The CSS property to change the border of an element to Yxy 36.0222, 0.2810, 0.3126 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(140, 166, 177) }
```

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

```
.border{ border-color:rgb(140, 166, 177) }
```

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

Here you see how a box with a 4 pixel rgb(140, 166, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(140, 166,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0222, 0.2810, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 166, 177) }
```

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

```
.background{ background-color: rgb(140,  
166, 177) }
```

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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