

Converting Colors

Yxy(36.2688, 0.2718, 0.3141)

Have a look what the booklet for
Yxy(36.2688, 0.2718, 0.3141)
contains.

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Color

Yxy(36.2977, 0.2713, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	81A9B3
RGB	129, 169, 179
RGB Percent	51%, 66%, 70%
CMY	0.4939, 0.3373, 0.2981
CMYK	0.28, 0.06, 0.00, 0.30
HSL	192°, 25%, 60%
HSV	192°, 28%, 70%
XYZ	31.3817, 36.2977, 47.9921
YIQ	158.1800, -27.0500, -5.3700

Conversions

Conversions Part 2

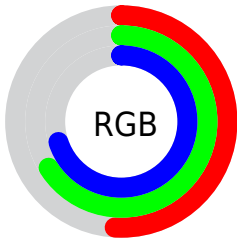
Format	Color
R_{YB}	129, 151, 179
Decimal	8497587
CIE _{Lab}	66.75, -11.09, -9.54
CIE _{LCh}	67, 14.626, 220.711
Yxy	36.2977, 0.2713, 0.3138
Android (android.graphics.Color)	4286687667 (0xFF81A9B3)
YUV	158.1800, 10.2643, -25.5909
Hunter-Lab	60.2476, -12.4564, -5.0560

Details

The Yxy color **36.2977, 0.2713, 0.3138** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.6443, 0.3685, 0.3436**, and the grayscale version is **34.2438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3767, 0.2790, 0.3163**, and **15.8486, 0.2591, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **33.7034, 0.2577, 0.3075**, and if you desaturate by 10%, it is **39.1770, 0.2858, 0.3197**.

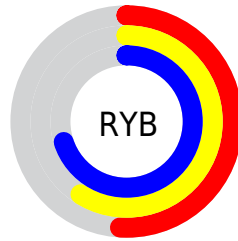
Distribution



Red (51%)

Green (66%)

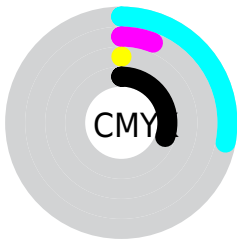
Blue (70%)



Red (51%)

Yellow (59%)

Blue (70%)

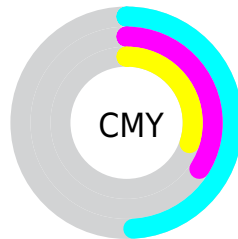


Cyan (28%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (49%)

Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.2977, 0.2713, 0.3138 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 36.2977, 0.2713, 0.3138 by changing the saturation by 10% instead.

■ 36.2977, 0.2713,
0.3138

■ 36.2977, 0.2713,
0.3138

■ 330.2599, 0.2926,
0.3220

■ 24.6642, 0.2658,
0.3115

■ 69.4913, 0.2792,
0.3169

■ 15.8271, 0.2586,
0.3085

■ 91.8202, 0.2821,
0.3181

■ 9.4019, 0.2489,
0.3042

■ 118.4830, 0.2845,
0.3190

■ 5.0042, 0.2350,
0.2978

■ 149.8642, 0.2866,
0.3198

■ 2.2497, 0.2135,
0.2871

■ 186.3481, 0.2884,
0.3205

■ 0.7469, 0.1589,
0.2702

■ 228.3190, 0.2900,

■ 0.0000, 0.0000,

0.3211

0.0000

276.1615, 0.2914,
0.3216

■ 36.2977, 0.2713,
0.3138

■ 36.2977, 0.2713,
0.3138

■ 33.7034, 0.2577,
0.3075

■ 39.1770, 0.2858,
0.3197

■ 31.3766, 0.2451,
0.3009

■ 42.3490, 0.3007,
0.3251

■ 29.3044, 0.2340,
0.2939

■ 45.8265, 0.3159,
0.3300

■ 27.4712, 0.2246,
0.2868

■ 49.6204, 0.3311,
0.3344

■ 25.8592, 0.2170,
0.2795

■ 53.7407, 0.3461,
0.3384

■ 24.4476, 0.2113,
0.2723

■ 58.1972, 0.3606,
0.3419

■ 23.2039, 0.2073,
0.2652

■ 62.9991, 0.3747,
0.3450

■ 22.9529, 0.2066,
0.2636

■ 64.7384, 0.3742,
0.3486

■ 66.3909, 0.3731,
0.3523

Harmonies

Analogous

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



36.2977, 0.2808, 0.3342



36.2977, 0.2713, 0.3138



36.2977, 0.2724, 0.2986

Triad

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



36.2977, 0.2713, 0.3138



36.2977, 0.3259, 0.3060



36.2977, 0.3414, 0.3675

Complementary

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



36.2977, 0.2713, 0.3138



29.6443, 0.3685, 0.3436

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.



36.2977, 0.3545, 0.3582



36.2977, 0.2713, 0.3138



36.2977, 0.3454, 0.3228

Square

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



36.2977, 0.2713, 0.3138



36.2977, 0.3033, 0.2948



36.2977, 0.3560, 0.3417



36.2977, 0.3209, 0.3662

Rectangle

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



36.2977, 0.2713, 0.3138



36.2977, 0.2791, 0.2932



36.2977, 0.3560, 0.3417



36.2977, 0.3468, 0.3655

Sweetspot

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



36.2992, 0.2713, 0.3138



75.7199, 0.3004, 0.3250



38.7705, 0.3015, 0.3918



16.5801, 0.2981, 0.3242



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.



36.2992, 0.2713, 0.3138



62.3314, 0.2635, 0.3103



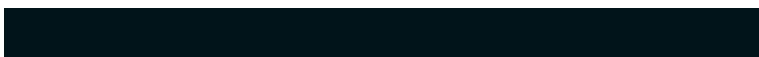
27.8800, 0.2673, 0.2743



9.3370, 0.2986, 0.3243



16.3153, 0.2068, 0.2645



0.5869, 0.2123, 0.2844

Inverse Universe

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



28.1592, 0.3264, 0.2735



45.7605, 0.3298, 0.2621



37.7207, 0.3593, 0.3782



8.6170, 0.3167, 0.3110



8.1872, 0.3781, 0.1856



0.2650, 0.3594, 0.1754

Previews

White Background



This preview shows how the Yxy color 36.2977, 0.2713, 0.3138 looks on a white background.

Color Contrast Check

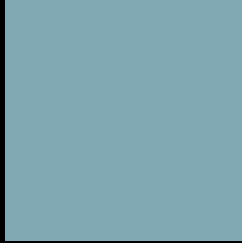
Large Text (above 18pt) WCAG AA × Fail

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 36.2977, 0.2713, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

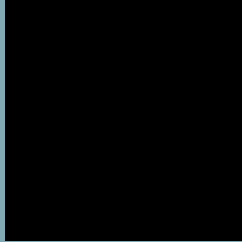
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

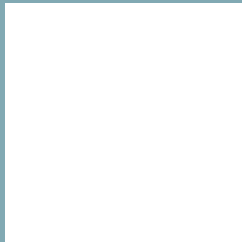
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.2977, 0.2713, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 36.2977, 0.2713, 0.3138.



This preview shows how white text looks on a background with the Yxy color 36.2977, 0.2713, 0.3138.

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

36.2977, 0.2713, 0.3138

Protanopia

36.1228, 0.3015, 0.3104

Deuteranopia

36.2249, 0.3029, 0.2971



Tritanopia

36.4992, 0.2699, 0.3094

Trichromacy



Original Color

36.2977, 0.2713, 0.3138

Protanomaly

36.0751, 0.2892, 0.3114

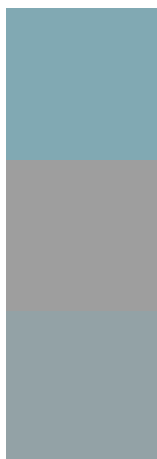
Deuteranomaly

36.0060, 0.2903, 0.3031

Tritanomaly

36.4580, 0.2706, 0.3109

Monochromacy



Original Color

36.2977, 0.2713, 0.3138

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.7969, 0.2955, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2977, 0.2713, 0.3138 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(129, 169, 179)` looks like.

```
.text, #text, p{  
    color:rgb(129, 169, 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(129, 169, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 169, 179) }
```

Border

The CSS property to change the border of an element to Yxy 36.2977, 0.2713, 0.3138 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(129, 169, 179) }
```

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

```
.border{ border-color:rgb(129, 169, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 169, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 169, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 169, 179);  
box-shadow:4px 4px 4px 4px rgb(129, 169,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2977, 0.2713, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 169, 179) }
```

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

```
.background{ background-color: rgb(129,  
169, 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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