

Converting Colors

$Yxy(36.6976, 0.2674, 0.3037)$

Have a look what the booklet for
Yxy(36.6976, 0.2674, 0.3037)
contains.

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Color

Yxy(36.6669, 0.2671, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	82A9BA
RGB	130, 169, 186
RGB Percent	51%, 66%, 73%
CMY	0.4902, 0.3373, 0.2705
CMYK	0.30, 0.09, 0.00, 0.27
HSL	198°, 29%, 62%
HSV	198°, 30%, 73%
XYZ	32.2587, 36.6669, 51.8482
YIQ	159.2770, -28.7010, -2.9810

Conversions

Conversions Part 2

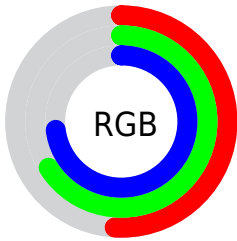
Format	Color
R_{YB}	130, 153, 186
Decimal	8563130
CIE _{Lab}	67.03, -9.10, -13.03
CIE _{LCh}	67, 15.894, 235.063
Yxy	36.6669, 0.2671, 0.3036
Android (android.graphics.Color)	4286753210 (0xFF82A9BA)
YUV	159.2770, 13.1744, -25.6759
Hunter-Lab	60.5532, -10.8753, -8.3793

Details

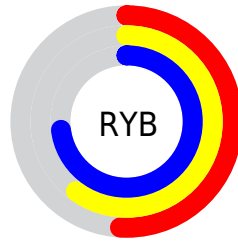
The Yxy color **36.6669, 0.2671, 0.3036** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.9303, 0.3722, 0.3530**, and the grayscale version is **34.7537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9125, 0.2756, 0.3086**, and **16.0357, 0.2528, 0.2951** is the 20% darker color. If you saturate the color by 10%, you get **33.2694, 0.2527, 0.2937**, and if you desaturate by 10%, it is **40.4242, 0.2821, 0.3128**.

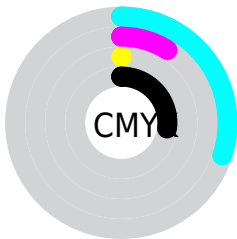
Distribution



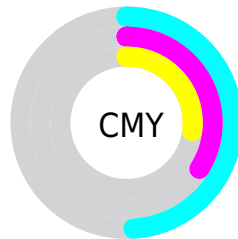
- Red (51%)
- Green (66%)
- Blue (73%)



- Red (51%)
- Yellow (60%)
- Blue (73%)



- Cyan (30%)
- Magenta (9%)
- Yellow (0%)
- Black (27%)




- Cyan (49%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6669, 0.2671, 0.3036 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 36.6669, 0.2671, 0.3036 by changing the saturation by 10% instead.


 36.6669, 0.2671,
0.3036


 36.6669, 0.2671,
0.3036


331.8661, 0.2905,
0.3171

 24.9497, 0.2611,
0.3000


 70.0602, 0.2757,
0.3087

 16.0396, 0.2533,
0.2952


 92.5050, 0.2789,
0.3105

 9.5522, 0.2428,
0.2886


 119.2946, 0.2816,
0.3121

 5.1031, 0.2279,
0.2788

150.8132, 0.2839,
0.3134

 2.3079, 0.2052,
0.2632

187.4452, 0.2859,
0.3145

 0.7779, 0.1572,
0.2364

229.5751, 0.2876,

 0.0000, 0.0000,

0.3155

0.0000

277.5873, 0.2891,
0.3163

■ 36.6669, 0.2671,
0.3036

■ 36.6669, 0.2671,
0.3036

■ 33.2694, 0.2527,
0.2937

■ 40.4242, 0.2821,
0.3128

■ 30.2120, 0.2393,
0.2831

■ 44.5514, 0.2973,
0.3213

■ 27.4791, 0.2272,
0.2721

■ 49.0633, 0.3125,
0.3289

■ 25.0522, 0.2166,
0.2608

■ 53.9727, 0.3275,
0.3358

■ 22.9102, 0.2080,
0.2493

■ 59.2917, 0.3421,
0.3419

■ 21.0285, 0.2013,
0.2378

■ 65.0317, 0.3562,
0.3473

■ 19.3771, 0.1963,
0.2267

■ 70.2005, 0.3655,
0.3524

■ 73.0169, 0.3640,
0.3581

■ 75.9328, 0.3625,
0.3638

Harmonies

Analogous

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



36.6669, 0.2719, 0.3236



36.6669, 0.2671, 0.3036



36.6669, 0.2738, 0.2914

Triad

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



36.6669, 0.2671, 0.3036



36.6669, 0.3379, 0.3122



36.6669, 0.3338, 0.3717

Complementary

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



36.6669, 0.2671, 0.3036



32.9303, 0.3722, 0.3530

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.



36.6669, 0.3525, 0.3666



36.6669, 0.2671, 0.3036



36.6669, 0.3552, 0.3320

Square

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



36.6669, 0.2671, 0.3036



36.6669, 0.3142, 0.2969



36.6669, 0.3605, 0.3518



36.6669, 0.3099, 0.3644

Rectangle

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



36.6669, 0.2671, 0.3036



36.6669, 0.2842, 0.2889



36.6669, 0.3605, 0.3518



36.6669, 0.3409, 0.3714

Sweetspot

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



36.6684, 0.2671, 0.3036



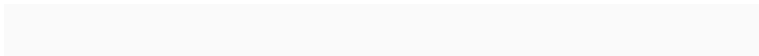
81.4859, 0.2988, 0.3220



41.9769, 0.2967, 0.3889



17.6918, 0.2965, 0.3209



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



36.6684, 0.2671, 0.3036



62.3797, 0.2577, 0.2973



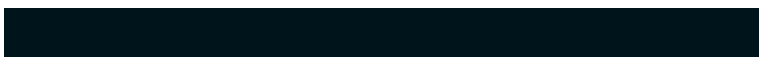
27.4019, 0.2623, 0.2601



9.7374, 0.2985, 0.3219



13.1684, 0.1967, 0.2281



0.5678, 0.2048, 0.2572

Inverse Universe

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



29.2720, 0.3340, 0.2762



47.3222, 0.3399, 0.2646



42.6461, 0.3615, 0.3895



9.1150, 0.3183, 0.3132



8.1117, 0.4146, 0.2057



0.2964, 0.3851, 0.1895

Previews

White Background



This preview shows how the Yxy color 36.6669, 0.2671, 0.3036 looks on a white background.

Color Contrast Check

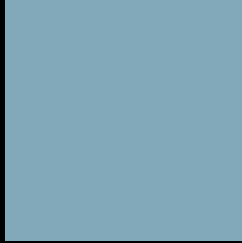
Large Text (above 18pt) WCAG AA × Fail

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 36.6669, 0.2671, 0.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

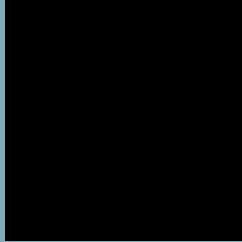
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

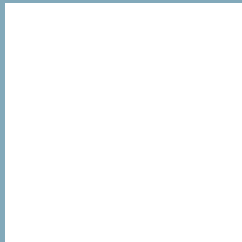
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.6669, 0.2671, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 36.6669, 0.2671, 0.3036.



This preview shows how white text looks on a background with the Yxy color 36.6669, 0.2671, 0.3036.

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

36.6669, 0.2671, 0.3036

Protanopia

36.2995, 0.2947, 0.3007

Deuteranopia

36.5341, 0.2943, 0.2890



Tritanopia

36.4620, 0.2685, 0.3079

Trichromacy



Original Color

36.6669, 0.2671, 0.3036

Protanomaly

36.3594, 0.2837, 0.3015

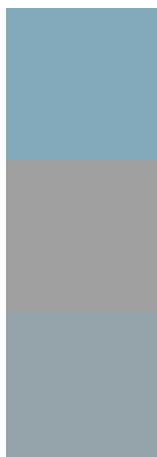
Deuteranomaly

36.5545, 0.2840, 0.2949

Tritanomaly

36.5038, 0.2678, 0.3065

Monochromacy



Original Color

36.6669, 0.2671, 0.3036

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.3549, 0.2939, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6669, 0.2671, 0.3036 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(130, 169, 186)` looks like.

```
.text, #text, p{  
    color:rgb(130, 169, 186)  
}
```

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(130, 169, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 169, 186) }
```

Border

The CSS property to change the border of an element to Yxy 36.6669, 0.2671, 0.3036 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(130, 169, 186) }
```

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

```
.border{ border-color:rgb(130, 169, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 169, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 169, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 169, 186);  
box-shadow:4px 4px 4px 4px rgb(130, 169,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6669, 0.2671, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 169, 186) }
```

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

```
.background{ background-color: rgb(130,  
169, 186) }
```

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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