

Converting Colors

$Yxy(36.4982, 0.2802, 0.2947)$

Have a look what the booklet for
Yxy(36.4982, 0.2802, 0.2947)
contains.

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Color

Yxy(36.5713, 0.2799, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	95A4BC
RGB	149, 164, 188
RGB Percent	58%, 64%, 74%
CMY	0.4158, 0.3568, 0.2626
CMYK	0.21, 0.13, 0.00, 0.26
HSL	217°, 23%, 66%
HSV	217°, 21%, 74%
XYZ	34.7465, 36.5713, 52.8211
YIQ	162.2510, -16.6440, 4.2840

Conversions

Conversions Part 2

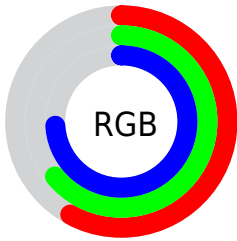
Format	Color
RYB	149, 160, 188
Decimal	9807036
CIELab	66.95, -0.05, -14.12
CIElCh	67, 14.125, 269.813
Yxy	36.5713, 0.2799, 0.2946
Android (android.graphics.Color)	4287997116 (0xFF95A4BC)
YUV	162.2510, 12.6943, -11.6211
Hunter-Lab	60.4742, -3.2697, -9.4548

Details

The Yxy color **36.5713, 0.2799, 0.2946** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7532, 0.3473, 0.3612**, and the grayscale version is **36.2000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0321, 0.2867, 0.3016**, and **15.9343, 0.2699, 0.2829** is the 20% darker color. If you saturate the color by 10%, you get **30.9909, 0.2629, 0.2752**, and if you desaturate by 10%, it is **42.8169, 0.2962, 0.3122**.

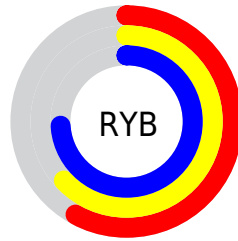
Distribution



Red (58%)

Green (64%)

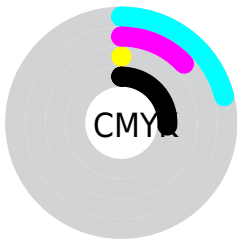
Blue (74%)



Red (58%)

Yellow (63%)

Blue (74%)

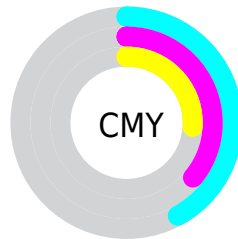


Cyan (21%)

Magenta (13%)

Yellow (0%)

Black (26%)



Cyan (42%)

Magenta (36%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.5713, 0.2799, 0.2946 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 36.5713, 0.2799, 0.2946 by changing the saturation by 10% instead.

■ 36.5713, 0.2799,
0.2946

■ 36.5713, 0.2799,
0.2946

■ 331.4507, 0.2968,
0.3124

■ 24.8757, 0.2755,
0.2900

■ 69.9129, 0.2862,
0.3012

■ 15.9845, 0.2698,
0.2840

■ 92.3278, 0.2885,
0.3036

■ 9.5132, 0.2619,
0.2758

■ 119.0846, 0.2905,
0.3057

■ 5.0774, 0.2507,
0.2640

■ 150.5677, 0.2921,
0.3074

■ 2.2927, 0.2334,
0.2458

■ 187.1614, 0.2935,
0.3089

■ 0.7699, 0.2025,
0.2134

■ 229.2503, 0.2948,

■ 0.0000, 0.0000,

0.3102

0.0000

277.2186, 0.2959,
0.3114

■ 36.5713, 0.2799,
0.2946

■ 36.5713, 0.2799,
0.2946

■ 30.9909, 0.2629,
0.2752

■ 42.8169, 0.2962,
0.3122

■ 26.0474, 0.2457,
0.2540

■ 49.7455, 0.3116,
0.3279

■ 21.7172, 0.2286,
0.2315

■ 57.3799, 0.3259,
0.3418

■ 17.9732, 0.2122,
0.2080

■ 65.7403, 0.3392,
0.3540

■ 14.7858, 0.1973,
0.1843

■ 74.8462, 0.3515,
0.3647

■ 12.1224, 0.1844,
0.1612

■ 83.4041, 0.3577,
0.3749

■ 9.9459, 0.1743,
0.1397

■ 90.1854, 0.3549,
0.3858

■ 8.3125, 0.1671,
0.1217

■ 96.4121, 0.3526,
0.3949

Harmonies

Analogous

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



36.5713, 0.2723, 0.3042



36.5713, 0.2799, 0.2946



36.5713, 0.2963, 0.2940

Triad

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



36.5713, 0.2799, 0.2946



36.5713, 0.3520, 0.3347



36.5713, 0.3068, 0.3583

Complementary

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



36.5713, 0.2799, 0.2946



42.7532, 0.3473, 0.3612

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.



36.5713, 0.3283, 0.3666



36.5713, 0.2799, 0.2946



36.5713, 0.3548, 0.3519

Square

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



36.5713, 0.2799, 0.2946



36.5713, 0.3381, 0.3167



36.5713, 0.3460, 0.3639



36.5713, 0.2874, 0.3413

Rectangle

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



36.5713, 0.2799, 0.2946



36.5713, 0.3102, 0.2985



36.5713, 0.3460, 0.3639



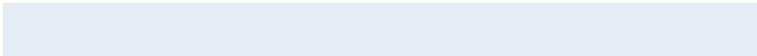
36.5713, 0.3141, 0.3622

Sweetspot

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



36.5728, 0.2799, 0.2946



83.2768, 0.3035, 0.3197



45.3613, 0.2930, 0.3510



17.7339, 0.3025, 0.3187



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.



36.5728, 0.2799, 0.2946



61.4192, 0.2721, 0.2858



31.8817, 0.2819, 0.2729



9.8111, 0.2984, 0.3145



5.7919, 0.1678, 0.1239



0.3543, 0.1815, 0.1735

Inverse Universe

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



34.8642, 0.3383, 0.3088



58.0038, 0.3456, 0.3040



48.3544, 0.3401, 0.3806



9.5955, 0.3230, 0.3202



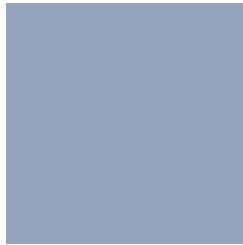
7.6144, 0.5411, 0.2754



0.3111, 0.4764, 0.2398

Previews

White Background



This preview shows how the Yxy color 36.5713, 0.2799, 0.2946 looks on a white background.

Color Contrast Check

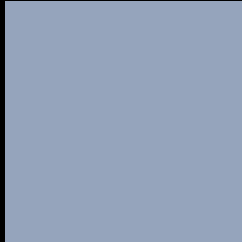
Large Text (above 18pt) WCAG AA × Fail

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 36.5713, 0.2799, 0.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

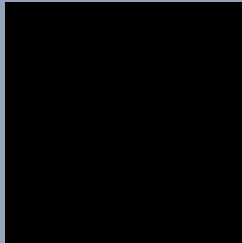
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

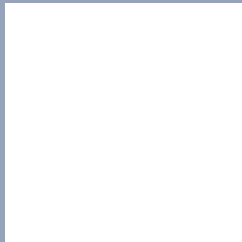
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.5713, 0.2799, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 36.5713, 0.2799, 0.2946.



This preview shows how white text looks on a background with the Yxy color 36.5713, 0.2799, 0.2946.

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

36.5713, 0.2799, 0.2946

Protanopia

36.3040, 0.2889, 0.2937

Deuteranopia

36.5774, 0.2935, 0.2877



Tritanopia

36.7302, 0.2853, 0.3100

Trichromacy



Original Color

36.5713, 0.2799, 0.2946

Protanomaly

36.3971, 0.2856, 0.2936

Deuteranomaly

36.6374, 0.2883, 0.2899

Tritanomaly

36.5836, 0.2838, 0.3043

Monochromacy



Original Color

36.5713, 0.2799, 0.2946

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.3028, 0.3003, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5713, 0.2799, 0.2946 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(149, 164, 188)` looks like.

```
.text, #text, p{  
    color:rgb(149, 164, 188)  
}
```

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(149, 164, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 164, 188) }
```

Border

The CSS property to change the border of an element to Yxy 36.5713, 0.2799, 0.2946 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(149, 164, 188) }
```

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

```
.border{ border-color:rgb(149, 164, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 164, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 164, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 164, 188);  
box-shadow:4px 4px 4px 4px rgb(149, 164,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5713, 0.2799, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 164, 188) }
```

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

```
.background{ background-color: rgb(149,  
164, 188) }
```

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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