

Converting Colors

$Yxy(37.9317, 0.2688, 0.2765)$

Have a look what the booklet for
Yxy(37.9317, 0.2688, 0.2765)
contains.

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Color

Yxy(38.0216, 0.2686, 0.2766)

Conversions

Conversions Part 1

Format	Color
Hex	95A6CC
RGB	149, 166, 204
RGB Percent	58%, 65%, 80%
CMY	0.4159, 0.3489, 0.2000
CMYK	0.27, 0.19, 0.00, 0.20
HSL	221°, 35%, 69%
HSV	221°, 27%, 80%
XYZ	36.9219, 38.0216, 62.5171
YIQ	165.2490, -22.3300, 8.2140

Conversions

Conversions Part 2

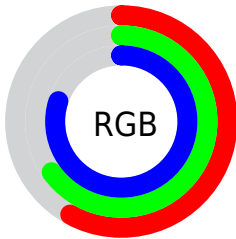
Format	Color
R _Y B	149, 162, 204
Decimal	9807564
CIE Lab	68.04, 2.60, -21.34
CIE LCh	68, 21.497, 276.944
Yxy	38.0216, 0.2686, 0.2766
Android (android.graphics.Color)	4287997644 (0xFF95A6CC)
YUV	165.2490, 19.1042, -14.2504
Hunter-Lab	61.6617, -1.0252, -16.9494

Details

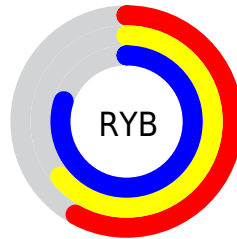
The Yxy color **38.0216, 0.2686, 0.2766** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.5148, 0.3582, 0.3764**, and the grayscale version is **37.6639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7703, 0.2804, 0.2924**, and **16.7780, 0.2552, 0.2603** is the 20% darker color. If you saturate the color by 10%, you get **31.4296, 0.2507, 0.2533**, and if you desaturate by 10%, it is **45.5127, 0.2858, 0.2979**.

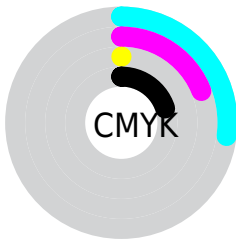
Distribution



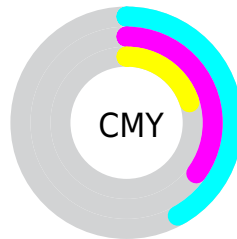
- Red (58%)
- Green (65%)
- Blue (80%)



- Red (58%)
- Yellow (64%)
- Blue (80%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.0216, 0.2686, 0.2766 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 38.0216, 0.2686, 0.2766 by changing the saturation by 10% instead.

■ 38.0216, 0.2686,
0.2766

■ 38.0216, 0.2686,
0.2766

■ 337.7126, 0.2912,
0.3032

■ 25.9995, 0.2628,
0.2699

■ 72.1412, 0.2769,
0.2863

■ 16.8232, 0.2554,
0.2613

■ 95.0075, 0.2800,
0.2900

■ 10.1085, 0.2454,
0.2497

■ 122.2573, 0.2826,
0.2930

■ 5.4710, 0.2314,
0.2337

■ 154.2750, 0.2848,
0.2956

■ 2.5262, 0.2104,
0.2100

■ 191.4450, 0.2867,
0.2979

■ 0.8897, 0.1762,
0.1721

■ 234.1517, 0.2884,

■ 0.0000, 0.0000,

0.2999

0.0000

282.7794, 0.2899,
0.3016

■ 38.0216, 0.2686,
0.2766

■ 38.0216, 0.2686,
0.2766

■ 31.4296, 0.2507,
0.2533

■ 45.5127, 0.2858,
0.2979

■ 25.6966, 0.2325,
0.2283

■ 53.9316, 0.3021,
0.3170

■ 20.7862, 0.2147,
0.2021

■ 63.3116, 0.3171,
0.3339

■ 16.6571, 0.1982,
0.1757

■ 73.6825, 0.3309,
0.3488

■ 13.2643, 0.1837,
0.1502

■ 85.0733, 0.3435,
0.3618

■ 10.5569, 0.1720,
0.1268

■ 94.2781, 0.3438,
0.3748

■ 8.4732, 0.1636,
0.1065

■ 97.1395, 0.3430,
0.3790

■ 7.9430, 0.1614,
0.1010

Harmonies

Analogous

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



38.0216, 0.2542, 0.2870



38.0216, 0.2686, 0.2766



38.0216, 0.2950, 0.2793

Triad

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



38.0216, 0.2686, 0.2766



38.0216, 0.3747, 0.3431



38.0216, 0.2960, 0.3686

Complementary

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



38.0216, 0.2686, 0.2766



50.5148, 0.3582, 0.3764

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.



38.0216, 0.3281, 0.3849



38.0216, 0.2686, 0.2766



38.0216, 0.3745, 0.3677

Square

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



38.0216, 0.2686, 0.2766



38.0216, 0.3572, 0.3165



38.0216, 0.3570, 0.3838



38.0216, 0.2694, 0.3401

Rectangle

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



38.0216, 0.2686, 0.2766



38.0216, 0.3164, 0.2878



38.0216, 0.3570, 0.3838



38.0216, 0.3065, 0.3758

Sweetspot

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



38.0231, 0.2686, 0.2766



87.6808, 0.3003, 0.3149



53.1382, 0.2845, 0.3524



18.2965, 0.2979, 0.3121



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



38.0231, 0.2686, 0.2766



56.8603, 0.2589, 0.2642



33.2129, 0.2748, 0.2539



11.4021, 0.2983, 0.3126



5.1465, 0.1621, 0.1035



0.4011, 0.1733, 0.1437

Inverse Universe

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



37.0692, 0.3526, 0.3074



55.4105, 0.3636, 0.3028



56.8093, 0.3447, 0.3977



11.2700, 0.3242, 0.3218



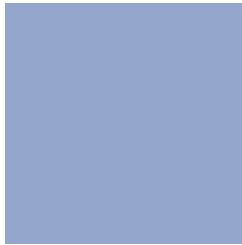
8.3225, 0.5706, 0.2917



0.4430, 0.5142, 0.2606

Previews

White Background



This preview shows how the Yxy color 38.0216, 0.2686, 0.2766 looks on a white background.

Color Contrast Check

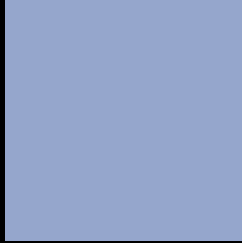
Large Text (above 18pt) WCAG AA × Fail

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 38.0216, 0.2686, 0.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

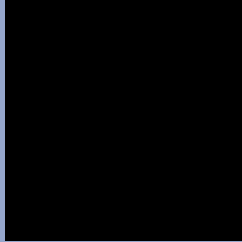
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0216, 0.2686, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 38.0216, 0.2686, 0.2766.



This preview shows how white text looks on a background with the Yxy color 38.0216, 0.2686, 0.2766.

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

38.0216, 0.2686, 0.2766

Protanopia

38.0308, 0.2754, 0.2759

Deuteranopia

37.9298, 0.2778, 0.2713



Tritanopia

38.1881, 0.2810, 0.3101

Trichromacy



Original Color

38.0216, 0.2686, 0.2766

Protanomaly

38.0921, 0.2731, 0.2770

Deuteranomaly

37.7703, 0.2739, 0.2721

Tritanomaly

38.2485, 0.2758, 0.2977

Monochromacy



Original Color

38.0216, 0.2686, 0.2766

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.5359, 0.2956, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0216, 0.2686, 0.2766 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, 166, 204)` looks like.

```
.text, #text, p{  
    color:rgb(149, 166, 204)  
}
```

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, 166, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 166, 204) }
```

Border

The CSS property to change the border of an element to Yxy 38.0216, 0.2686, 0.2766 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, 166, 204) }
```

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

```
.border{ border-color:rgb(149, 166, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 166, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 166, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 166, 204);  
box-shadow:4px 4px 4px 4px rgb(149, 166,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0216, 0.2686, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 166, 204) }
```

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

```
.background{ background-color: rgb(149,  
166, 204) }
```

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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