

Converting Colors

$Y_{xy}(34.9690, 0.2694, 0.2773)$

Have a look what the booklet for
Yxy(34.9690, 0.2694, 0.2773)
contains.

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Color

Yxy(35.0564, 0.2695, 0.2776)

Conversions

Conversions Part 1

Format	Color
Hex	90A0C4
RGB	144, 160, 196
RGB Percent	56%, 63%, 77%
CMY	0.4354, 0.3725, 0.2314
CMYK	0.27, 0.18, 0.00, 0.23
HSL	222°, 31%, 67%
HSV	222°, 27%, 77%
XYZ	34.0335, 35.0564, 57.1940
YIQ	159.3200, -21.0920, 7.8040

Conversions

Conversions Part 2

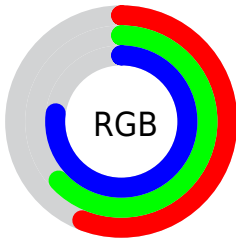
Format	Color
RYB	144, 156, 196
Decimal	9478340
CIELab	65.79, 2.50, -20.35
CIELCh	66, 20.503, 277.000
Yxy	35.0564, 0.2695, 0.2776
Android (android.graphics.Color)	4287668420 (0xFF90A0C4)
YUV	159.3200, 18.0832, -13.4356
Hunter-Lab	59.2084, -1.0115, -15.8268

Details

The Yxy color **35.0564, 0.2695, 0.2776** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.3798, 0.3572, 0.3755**, and the grayscale version is **34.7474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8348, 0.2779, 0.2875**, and **15.1656, 0.2560, 0.2630** is the 20% darker color. If you saturate the color by 10%, you get **28.9950, 0.2516, 0.2544**, and if you desaturate by 10%, it is **41.9399, 0.2867, 0.2988**.

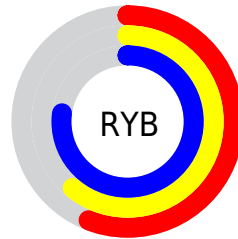
Distribution



Red (56%)

Green (63%)

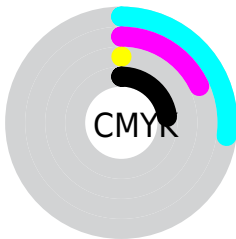
Blue (77%)



Red (56%)

Yellow (61%)

Blue (77%)

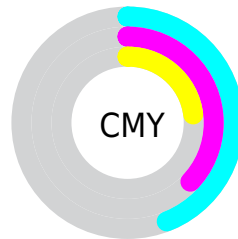


Cyan (27%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (44%)

Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0564, 0.2695, 0.2776 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 35.0564, 0.2695, 0.2776 by changing the saturation by 10% instead.

■ 35.0564, 0.2695,
0.2776

■ 35.0564, 0.2695,
0.2776

■ 324.8172, 0.2919,
0.3040

■ 23.7063, 0.2637,
0.2708

■ 67.5731, 0.2778,
0.2874

■ 15.1159, 0.2561,
0.2620

■ 89.5086, 0.2809,
0.2910

■ 8.9008, 0.2458,
0.2501

■ 115.7413, 0.2835,
0.2940

■ 4.6765, 0.2311,
0.2333

■ 146.6556, 0.2857,
0.2966

■ 2.0587, 0.2086,
0.2079

■ 182.6360, 0.2875,
0.2988

■ 0.6413, 0.1695,
0.1621

■ 224.0668, 0.2892,

■ 0.0000, 0.0000,

0.3008

0.0000

271.3324, 0.2906,
0.3025

■ 35.0564, 0.2695,
0.2776

■ 35.0564, 0.2695,
0.2776

■ 28.9950, 0.2516,
0.2544

■ 41.9399, 0.2867,
0.2988

■ 23.7193, 0.2335,
0.2294

■ 49.6716, 0.3028,
0.3178

■ 19.1962, 0.2157,
0.2033

■ 58.2817, 0.3178,
0.3346

■ 15.3884, 0.1990,
0.1769

■ 67.7975, 0.3315,
0.3494

■ 12.2550, 0.1844,
0.1513

■ 78.2451, 0.3440,
0.3624

■ 9.7501, 0.1725,
0.1277

■ 88.3795, 0.3506,
0.3744

■ 7.8187, 0.1639,
0.1073

■ 96.7262, 0.3478,
0.3869

■ 7.2570, 0.1614,
0.1010

■ 96.7653, 0.3478,
0.3870

Harmonies

Analogous

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



35.0564, 0.2553, 0.2878



35.0564, 0.2695, 0.2776



35.0564, 0.2954, 0.2803

Triad

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



35.0564, 0.2695, 0.2776



35.0564, 0.3734, 0.3429



35.0564, 0.2963, 0.3677

Complementary

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



35.0564, 0.2695, 0.2776



46.3798, 0.3572, 0.3755

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.



35.0564, 0.3278, 0.3837



35.0564, 0.2695, 0.2776



35.0564, 0.3732, 0.3671

Square

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



35.0564, 0.2695, 0.2776



35.0564, 0.3563, 0.3168



35.0564, 0.3561, 0.3828



35.0564, 0.2702, 0.3398

Rectangle

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



35.0564, 0.2695, 0.2776



35.0564, 0.3164, 0.2886



35.0564, 0.3561, 0.3828



35.0564, 0.3066, 0.3748

Sweetspot

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



35.0578, 0.2695, 0.2776



87.6565, 0.3003, 0.3149



48.6817, 0.2850, 0.3519



18.2904, 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.



35.0578, 0.2695, 0.2776



56.7847, 0.2589, 0.2640



30.7506, 0.2757, 0.2556



10.2429, 0.2984, 0.3126



4.7988, 0.1621, 0.1034



0.3323, 0.1751, 0.1501

Inverse Universe

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



34.2157, 0.3518, 0.3080



55.4029, 0.3638, 0.3030



51.9878, 0.3441, 0.3964



10.1279, 0.3242, 0.3219



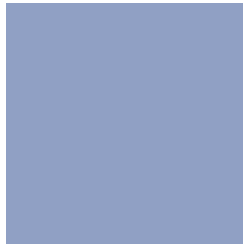
7.7667, 0.5708, 0.2918



0.3482, 0.5057, 0.2560

Previews

White Background



This preview shows how the Yxy color 35.0564, 0.2695, 0.2776 looks on a white background.

Color Contrast Check

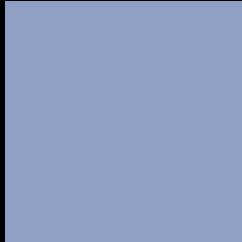
Large Text (above 18pt) WCAG AA × Fail

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 35.0564, 0.2695, 0.2776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

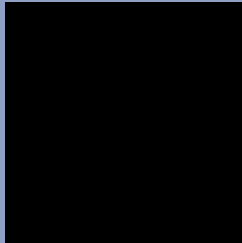
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0564, 0.2695, 0.2776

Background



This preview shows how black text looks on a background with the Yxy color 35.0564, 0.2695, 0.2776.



This preview shows how white text looks on a background with the Yxy color 35.0564, 0.2695, 0.2776.

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

35.0564, 0.2695, 0.2776

Protanopia

34.9732, 0.2757, 0.2768

Deuteranopia

34.8761, 0.2782, 0.2720



Tritanopia

34.9044, 0.2815, 0.3095

Trichromacy



Original Color

35.0564, 0.2695, 0.2776

Protanomaly

35.0323, 0.2734, 0.2779

Deuteranomaly

34.8206, 0.2750, 0.2729

Tritanomaly

34.9223, 0.2769, 0.2980

Monochromacy



Original Color

35.0564, 0.2695, 0.2776

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.6449, 0.2967, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0564, 0.2695, 0.2776 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(144, 160, 196)` looks like.

```
.text, #text, p{  
    color:rgb(144, 160, 196)  
}
```

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(144, 160, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 160, 196) }
```

Border

The CSS property to change the border of an element to Yxy 35.0564, 0.2695, 0.2776 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(144, 160, 196) }
```

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

```
.border{ border-color:rgb(144, 160, 196) }
```

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

Here you see how a box with a 4 pixel rgb(144, 160, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 160, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 160, 196);  
box-shadow:4px 4px 4px 4px rgb(144, 160,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0564, 0.2695, 0.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 160, 196) }
```

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

```
.background{ background-color: rgb(144,  
160, 196) }
```

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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