

Converting Colors

$Y_{xy}(35.0338, 0.2721, 0.2708)$

Have a look what the booklet for
Yxy(35.0338, 0.2721, 0.2708)
contains.

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Color

Yxy(35.1566, 0.2728, 0.2717)

Conversions

Conversions Part 1

Format	Color
Hex	979EC7
RGB	151, 158, 199
RGB Percent	59%, 62%, 78%
CMY	0.4077, 0.3804, 0.2197
CMYK	0.24, 0.21, 0.00, 0.22
HSL	231°, 30%, 69%
HSV	231°, 24%, 78%
XYZ	35.2989, 35.1566, 58.9394
YIQ	160.5810, -17.3330, 11.2670

Conversions

Conversions Part 2

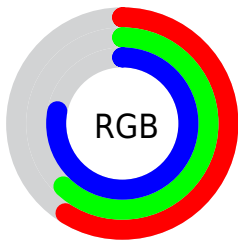
Format	Color
RYB	151, 157, 199
Decimal	9936583
CIELab	65.87, 6.51, -21.84
CIELCh	66, 22.790, 286.598
Yxy	35.1566, 0.2728, 0.2717
Android (android.graphics.Color)	4288126663 (0xFF979EC7)
YUV	160.5810, 18.9406, -8.4025
Hunter-Lab	59.2930, 2.5037, -17.4313

Details

The Yxy color **35.1566, 0.2728, 0.2717** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.0718, 0.3506, 0.3805**, and the grayscale version is **35.3550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9303, 0.2811, 0.2838**, and **15.2124, 0.2602, 0.2551** is the 20% darker color. If you saturate the color by 10%, you get **28.0067, 0.2538, 0.2433**, and if you desaturate by 10%, it is **43.4332, 0.2905, 0.2975**.

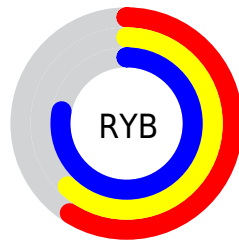
Distribution



Red (59%)

Green (62%)

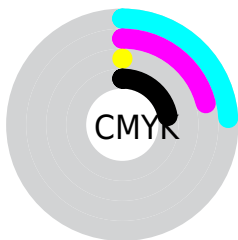
Blue (78%)



Red (59%)

Yellow (62%)

Blue (78%)

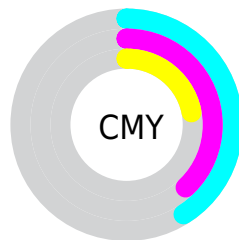


Cyan (24%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (41%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.1566, 0.2728, 0.2717 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 35.1566, 0.2728, 0.2717 by changing the saturation by 10% instead.

■ 35.1566, 0.2728,
0.2717

■ 35.1566, 0.2728,
0.2717

■ 325.2590, 0.2936,
0.3009

■ 23.7835, 0.2674,
0.2643

■ 67.7283, 0.2805,
0.2824

■ 15.1731, 0.2603,
0.2547

■ 89.6957, 0.2834,
0.2864

■ 8.9410, 0.2506,
0.2419

■ 115.9634, 0.2858,
0.2898

■ 4.7027, 0.2368,
0.2240

■ 146.9157, 0.2878,
0.2926

■ 2.0739, 0.2157,
0.1975

■ 182.9370, 0.2896,
0.2951

■ 0.6499, 0.1806,
0.1511

■ 224.4117, 0.2911,

■ 0.0000, 0.0000,

0.2973

0.0000

271.7243, 0.2924,
0.2992

■ 35.1566, 0.2728,
0.2717

■ 35.1566, 0.2728,
0.2717

■ 28.0067, 0.2538,
0.2433

■ 43.4332, 0.2905,
0.2975

■ 21.9305, 0.2339,
0.2129

■ 52.8781, 0.3066,
0.3204

■ 16.8767, 0.2141,
0.1815

■ 63.5360, 0.3211,
0.3406

■ 12.7884, 0.1952,
0.1505

■ 75.4480, 0.3339,
0.3582

■ 9.6029, 0.1787,
0.1219

■ 88.6532, 0.3452,
0.3734

■ 7.2499, 0.1655,
0.0976

■ 96.9021, 0.3460,
0.3840

■ 5.6479, 0.1567,
0.0792

■ 4.9976, 0.1531,
0.0712

Harmonies

Analogous

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



35.1566, 0.2527, 0.2782



35.1566, 0.2728, 0.2717



35.1566, 0.3043, 0.2791

Triad

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



35.1566, 0.2728, 0.2717



35.1566, 0.3824, 0.3532



35.1566, 0.2841, 0.3632

Complementary

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



35.1566, 0.2728, 0.2717



52.0718, 0.3506, 0.3805

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.



35.1566, 0.3179, 0.3864



35.1566, 0.2728, 0.2717



35.1566, 0.3756, 0.3779

Square

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



35.1566, 0.2728, 0.2717



35.1566, 0.3691, 0.3243



35.1566, 0.3516, 0.3912



35.1566, 0.2589, 0.3299

Rectangle

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



35.1566, 0.2728, 0.2717



35.1566, 0.3282, 0.2906



35.1566, 0.3516, 0.3912



35.1566, 0.2948, 0.3726

Sweetspot

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



35.1580, 0.2728, 0.2717



87.4209, 0.3019, 0.3138



51.2110, 0.2821, 0.3386



18.4902, 0.3010, 0.3124



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.



35.1580, 0.2728, 0.2717



54.6630, 0.2628, 0.2569



34.5684, 0.2867, 0.2644



10.5322, 0.2983, 0.3086



3.2938, 0.1536, 0.0728



0.2382, 0.1624, 0.1045

Inverse Universe

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



36.7491, 0.3552, 0.3200



58.1252, 0.3679, 0.3179



53.0366, 0.3346, 0.3914



10.6617, 0.3267, 0.3257



7.8725, 0.6187, 0.3182



0.3811, 0.5691, 0.2909

Previews

White Background



This preview shows how the Yxy color 35.1566, 0.2728, 0.2717 looks on a white background.

Color Contrast Check

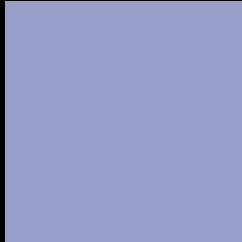
Large Text (above 18pt) WCAG AA × Fail

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 35.1566, 0.2728, 0.2717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

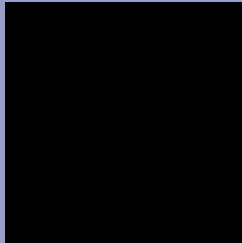
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1566, 0.2728, 0.2717

Background



This preview shows how black text looks on a background with the Yxy color 35.1566, 0.2728, 0.2717.



This preview shows how white text looks on a background with the Yxy color 35.1566, 0.2728, 0.2717.

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

35.1566, 0.2728, 0.2717

Protanopia

35.0613, 0.2719, 0.2715

Deuteranopia

35.2060, 0.2760, 0.2708



Tritanopia

35.0468, 0.2873, 0.3097

Trichromacy



Original Color

35.1566, 0.2728, 0.2717

Protanomaly

35.0613, 0.2719, 0.2715

Deuteranomaly

35.1075, 0.2751, 0.2706

Tritanomaly

35.2463, 0.2819, 0.2956

Monochromacy



Original Color

35.1566, 0.2728, 0.2717

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.4049, 0.2970, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1566, 0.2728, 0.2717 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(151, 158, 199)` looks like.

```
.text, #text, p{  
    color:rgb(151, 158, 199)  
}
```

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(151, 158, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 158, 199) }
```

Border

The CSS property to change the border of an element to Yxy 35.1566, 0.2728, 0.2717 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(151, 158, 199) }
```

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

```
.border{ border-color:rgb(151, 158, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 158, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 158, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 158, 199);  
box-shadow:4px 4px 4px 4px rgb(151, 158,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1566, 0.2728, 0.2717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 158, 199) }
```

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

```
.background{ background-color: rgb(151,  
158, 199) }
```

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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