

Converting Colors

$Y_{xy}(35.2169, 0.2969, 0.3191)$

Have a look what the booklet for
Yxy(35.2169, 0.2969, 0.3191)
contains.

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Color

Yxy(35.2845, 0.2966, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	97A2A9
RGB	151, 162, 169
RGB Percent	59%, 64%, 66%
CMY	0.4077, 0.3647, 0.3372
CMYK	0.11, 0.04, 0.00, 0.34
HSL	203°, 9%, 63%
HSV	203°, 11%, 66%
XYZ	32.8480, 35.2845, 42.6161
YIQ	159.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

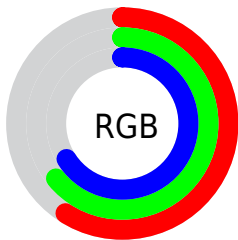
Format	Color
RYB	151, 158, 169
Decimal	9937577
CIELab	65.97, -2.44, -4.97
CIELCh	66, 5.535, 243.890
Yxy	35.2845, 0.2966, 0.3186
Android (android.graphics.Color)	4288127657 (0xFF97A2A9)
YUV	159.5090, 4.6791, -7.4624
Hunter-Lab	59.4008, -5.2426, -0.9561

Details

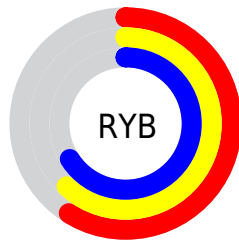
The Yxy color **35.2845, 0.2966, 0.3186** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1361, 0.3300, 0.3392**, and the grayscale version is **34.9000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9867, 0.2996, 0.3211**, and **15.1455, 0.2913, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **31.5224, 0.2812, 0.3077**, and if you desaturate by 10%, it is **39.4030, 0.3118, 0.3284**.

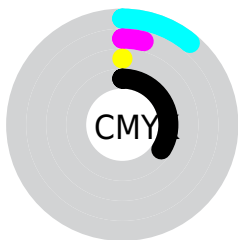
Distribution



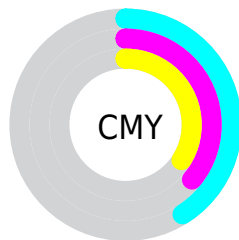
- Red (59%)
- Green (64%)
- Blue (66%)



- Red (59%)
- Yellow (62%)
- Blue (66%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (34%)




- Cyan (41%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2845, 0.2966, 0.3186 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 35.2845, 0.2966, 0.3186 by changing the saturation by 10% instead.


 35.2845, 0.2966,
0.3186

 35.2845, 0.2966,
0.3186


325.8223, 0.3050,
0.3241

 23.8821, 0.2944,
0.3171


 67.9263, 0.2997,
0.3207

 15.2462, 0.2915,
0.3152


 89.9344, 0.3009,
0.3214

 8.9924, 0.2874,
0.3125


116.2467, 0.3019,
0.3220

 4.7362, 0.2815,
0.3085

147.2473, 0.3027,
0.3226

 2.0933, 0.2721,
0.3020

183.3208, 0.3034,
0.3230

 0.6609, 0.2472,
0.2873

224.8516, 0.3040,

 0.0000, 0.0000,

0.3234

0.0000

272.2239, 0.3045,
0.3238

■ 35.2845, 0.2966,
0.3186

■ 35.2845, 0.2966,
0.3186

■ 31.5224, 0.2812,
0.3077

■ 39.4030, 0.3118,
0.3284

■ 28.1006, 0.2658,
0.2959

■ 43.8844, 0.3265,
0.3372

■ 25.0082, 0.2508,
0.2830

■ 48.7408, 0.3406,
0.3450

■ 22.2318, 0.2365,
0.2693

■ 53.9821, 0.3541,
0.3519

■ 19.7570, 0.2233,
0.2549

■ 59.6180, 0.3669,
0.3580

■ 17.5681, 0.2115,
0.2401

■ 65.6576, 0.3789,
0.3633

■ 15.6472, 0.2017,
0.2252

■ 69.2900, 0.3787,
0.3697

■ 13.9736, 0.1939,
0.2104

■ 72.5716, 0.3765,
0.3762

■ 12.5902, 0.1880,
0.1969

■ 75.9883, 0.3743,
0.3826

Harmonies

Analogous

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



35.2845, 0.2971, 0.3251



35.2845, 0.2966, 0.3186



35.2845, 0.3003, 0.3150

Triad

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



35.2845, 0.2966, 0.3186



35.2845, 0.3237, 0.3251



35.2845, 0.3179, 0.3434

Complementary

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



35.2845, 0.2966, 0.3186



35.1361, 0.3300, 0.3392

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.



35.2845, 0.3252, 0.3432



35.2845, 0.2966, 0.3186



35.2845, 0.3286, 0.3325

Square

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



35.2845, 0.2966, 0.3186



35.2845, 0.3159, 0.3188



35.2845, 0.3291, 0.3392



35.2845, 0.3094, 0.3396

Rectangle

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



35.2845, 0.2966, 0.3186



35.2845, 0.3047, 0.3146



35.2845, 0.3291, 0.3392



35.2845, 0.3206, 0.3438

Sweetspot

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



35.2860, 0.2966, 0.3186



68.7242, 0.3081, 0.3261



37.4247, 0.3057, 0.3455



14.8500, 0.3069, 0.3254



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.2860, 0.2966, 0.3186



61.3827, 0.2926, 0.3159



32.2702, 0.2964, 0.3052



8.0336, 0.2987, 0.3200



9.4893, 0.1884, 0.1984



0.3259, 0.2018, 0.2465

Inverse Universe

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



33.1861, 0.3205, 0.3133



56.8404, 0.3227, 0.3093



38.2734, 0.3285, 0.3517



7.6163, 0.3194, 0.3153



7.0290, 0.4471, 0.2237



0.1806, 0.3958, 0.1954

Previews

White Background



This preview shows how the Yxy color 35.2845, 0.2966, 0.3186 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 35.2845, 0.2966, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

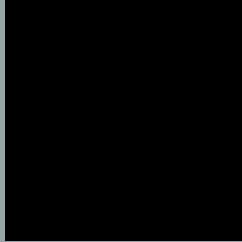
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

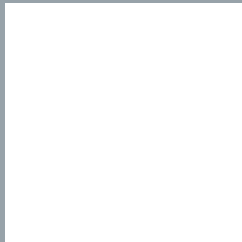
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.2845, 0.2966, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 35.2845, 0.2966, 0.3186.



This preview shows how white text looks on a background with the Yxy color 35.2845, 0.2966, 0.3186.

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

35.2845, 0.2966, 0.3186

Protanopia

35.1634, 0.3075, 0.3174

Deuteranopia

35.0029, 0.3147, 0.3079



Tritanopia

35.2211, 0.2933, 0.3099

Trichromacy



Original Color

35.2845, 0.2966, 0.3186

Protanomaly

35.1369, 0.3029, 0.3173

Deuteranomaly

35.2485, 0.3078, 0.3118

Tritanomaly

35.1437, 0.2950, 0.3128

Monochromacy



Original Color

35.2845, 0.2966, 0.3186

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.3022, 0.3072, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2845, 0.2966, 0.3186 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, 162, 169)` looks like.

```
.text, #text, p{  
    color:rgb(151, 162, 169)  
}
```

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, 162, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 162, 169) }
```

Border

The CSS property to change the border of an element to Yxy 35.2845, 0.2966, 0.3186 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, 162, 169) }
```

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

```
.border{ border-color:rgb(151, 162, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 162, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 162, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 162, 169);  
box-shadow:4px 4px 4px 4px rgb(151, 162,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2845, 0.2966, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 162, 169) }
```

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

```
.background{ background-color: rgb(151,  
162, 169) }
```

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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