

Converting Colors

$Y_{xy}(35.2509, 0.2960, 0.3407)$

Have a look what the booklet for
Yxy(35.2509, 0.2960, 0.3407)
contains.

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Color

Yxy(35.3165, 0.2959, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	8CA69E
RGB	140, 166, 158
RGB Percent	55%, 65%, 62%
CMY	0.4511, 0.3490, 0.3805
CMYK	0.16, 0.00, 0.05, 0.35
HSL	161°, 13%, 60%
HSV	161°, 16%, 65%
XYZ	30.6187, 35.3165, 37.5412
YIQ	157.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

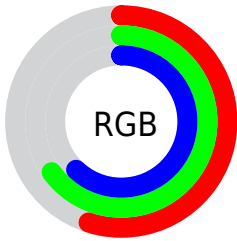
Format	Color
RYB	140, 155, 166
Decimal	9217694
CIELab	65.99, -10.67, 1.13
CIELCh	66, 10.727, 173.969
Yxy	35.3165, 0.2959, 0.3413
Android (android.graphics.Color)	4287407774 (0xFF8CA69E)
YUV	157.3140, 0.3382, -15.1844
Hunter-Lab	59.4277, -12.0307, 4.1451

Details

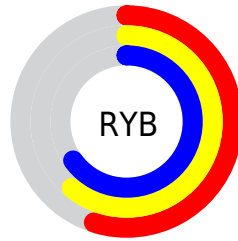
The Yxy color **35.3165, 0.2959, 0.3413** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.9965, 0.3329, 0.3170**, and the grayscale version is **33.8670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9863, 0.2991, 0.3382**, and **15.2698, 0.2907, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **33.8105, 0.2858, 0.3502**, and if you desaturate by 10%, it is **37.0503, 0.3065, 0.3332**.

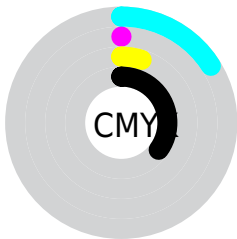
Distribution



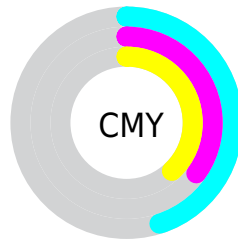
- Red (55%)
- Green (65%)
- Blue (62%)



- Red (55%)
- Yellow (61%)
- Blue (65%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)





- Cyan (45%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3165, 0.2959, 0.3413 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 35.3165, 0.2959, 0.3413 by changing the saturation by 10% instead.


 35.3165, 0.2959,
0.3413


 35.3165, 0.2959,
0.3413

325.9631, 0.3047,
0.3348


 23.9068, 0.2936,
0.3430


 67.9758, 0.2992,
0.3389

 15.2645, 0.2905,
0.3453


 89.9941, 0.3004,
0.3380

 9.0052, 0.2862,
0.3485


 116.3175, 0.3014,
0.3372

 4.7446, 0.2798,
0.3532

147.3303, 0.3023,
0.3366

 2.0982, 0.2695,
0.3610

183.4168, 0.3030,
0.3361

 0.6636, 0.2207,
0.3955

224.9615, 0.3037,

 0.0000, 0.0000,

0.3356

0.0000

272.3489, 0.3042,
0.3352

■ 35.3165, 0.2959,
0.3413

■ 35.3165, 0.2959,
0.3413

■ 33.8105, 0.2858,
0.3502

■ 37.0503, 0.3065,
0.3332

■ 32.5182, 0.2766,
0.3598

■ 39.0168, 0.3175,
0.3260

■ 31.4305, 0.2685,
0.3701

■ 41.2260, 0.3285,
0.3194

■ 30.5358, 0.2617,
0.3809

■ 43.6862, 0.3395,
0.3137

■ 29.8217, 0.2567,
0.3922

■ 46.4053, 0.3503,
0.3086

■ 29.2740, 0.2535,
0.4038

■ 49.3907, 0.3608,
0.3041

■ 28.8762, 0.2522,
0.4154

■ 52.4238, 0.3698,
0.3001

■ 28.6073, 0.2528,
0.4269

■ 52.6577, 0.3650,
0.2949

■ 28.5096, 0.2533,
0.4319

■ 52.8996, 0.3603,
0.2897

Harmonies

Analogous

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



35.3165, 0.3115, 0.3532



35.3165, 0.2959, 0.3413



35.3165, 0.2849, 0.3261

Triad

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



35.3165, 0.2959, 0.3413



35.3165, 0.2972, 0.3014



35.3165, 0.3453, 0.3445

Complementary

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



35.3165, 0.2959, 0.3413



28.9965, 0.3329, 0.3170

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.



35.3165, 0.3413, 0.3308



35.3165, 0.2959, 0.3413



35.3165, 0.3132, 0.3064

Square

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



35.3165, 0.2959, 0.3413



35.3165, 0.2856, 0.3034



35.3165, 0.3294, 0.3170



35.3165, 0.3403, 0.3546

Rectangle

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



35.3165, 0.2959, 0.3413



35.3165, 0.2815, 0.3165



35.3165, 0.3294, 0.3170



35.3165, 0.3450, 0.3402

Sweetspot

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



35.3180, 0.2959, 0.3413



67.4310, 0.3072, 0.3328



35.4859, 0.3185, 0.3691



15.0389, 0.3064, 0.3333



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.



35.3180, 0.2959, 0.3413



63.0385, 0.2921, 0.3445



33.9003, 0.2892, 0.3216



8.4921, 0.3026, 0.3361



22.1132, 0.2530, 0.4308



0.5465, 0.2425, 0.3930

Inverse Universe

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



28.9965, 0.3329, 0.3170



49.2373, 0.3387, 0.3141



30.1758, 0.3404, 0.3363



7.5790, 0.3239, 0.3221



6.4809, 0.5689, 0.2908



0.1667, 0.4776, 0.2405

Previews

White Background



This preview shows how the Yxy color 35.3165, 0.2959, 0.3413 looks on a white background.

Color Contrast Check

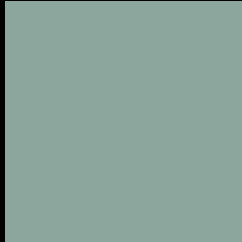
Large Text (above 18pt) WCAG AA × Fail

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 35.3165, 0.2959, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

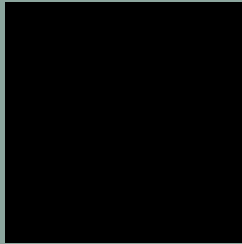
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

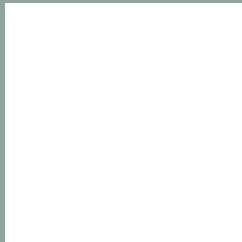
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.3165, 0.2959, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 35.3165, 0.2959, 0.3413.



This preview shows how white text looks on a background with the Yxy color 35.3165, 0.2959, 0.3413.

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

35.3165, 0.2959, 0.3413

Protanopia

35.0219, 0.3221, 0.3363

Deuteranopia

35.0947, 0.3280, 0.3220



Tritanopia

35.1686, 0.2840, 0.3096

Trichromacy



Original Color

35.3165, 0.2959, 0.3413

Protanomaly

35.1758, 0.3122, 0.3395

Deuteranomaly

34.9809, 0.3156, 0.3290

Tritanomaly

35.1663, 0.2887, 0.3214

Monochromacy



Original Color

35.3165, 0.2959, 0.3413

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.1552, 0.3068, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3165, 0.2959, 0.3413 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(140, 166, 158)` looks like.

```
.text, #text, p{  
    color:rgb(140, 166, 158)  
}
```

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(140, 166, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 166, 158) }
```

Border

The CSS property to change the border of an element to Yxy 35.3165, 0.2959, 0.3413 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(140, 166, 158) }
```

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

```
.border{ border-color:rgb(140, 166, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 166, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 166, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 166, 158);  
box-shadow:4px 4px 4px 4px rgb(140, 166,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3165, 0.2959, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 166, 158) }
```

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

```
.background{ background-color: rgb(140,  
166, 158) }
```

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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