

Converting Colors

$Y_{xy}(35.9324, 0.3032, 0.3365)$

Have a look what the booklet for
Yxy(35.9324, 0.3032, 0.3365)
contains.

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Color

Yxy(35.9324, 0.3032, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	96A5A0
RGB	150, 165, 160
RGB Percent	59%, 65%, 63%
CMY	0.4117, 0.3529, 0.3727
CMYK	0.09, 0.00, 0.03, 0.35
HSL	160°, 8%, 62%
HSV	160°, 9%, 65%
XYZ	32.3765, 35.9324, 38.4738
YIQ	159.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

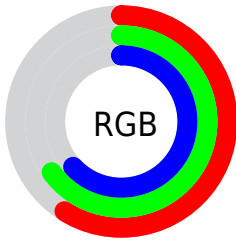
Format	Color
RYB	150, 159, 165
Decimal	9872800
CIELab	66.47, -6.27, 0.79
CIELCh	66, 6.322, 172.800
Yxy	35.9324, 0.3032, 0.3365
Android (android.graphics.Color)	4288062880 (0xFF96A5A0)
YUV	159.9450, 0.0271, -8.7218
Hunter-Lab	59.9436, -8.4906, 3.9062

Details

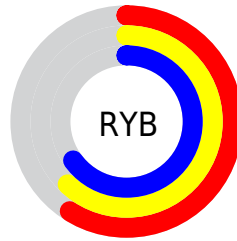
The Yxy color **35.9324, 0.3032, 0.3365** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1821, 0.3233, 0.3216**, and the grayscale version is **35.1299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9301, 0.3047, 0.3346**, and **15.5670, 0.2994, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **34.2877, 0.2931, 0.3456**, and if you desaturate by 10%, it is **37.8092, 0.3137, 0.3283**.

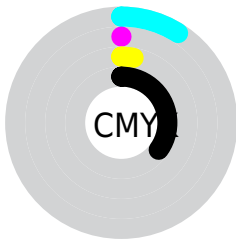
Distribution



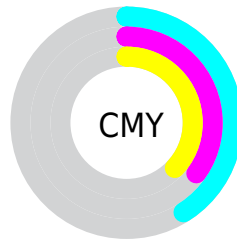
- Red (59%)
- Green (65%)
- Blue (63%)



- Red (59%)
- Yellow (62%)
- Blue (65%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (35%)




- Cyan (41%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9324, 0.3032, 0.3365 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 35.9324, 0.3032, 0.3365 by changing the saturation by 10% instead.


 35.9324, 0.3032,
0.3365


 35.9324, 0.3032,
0.3365


328.6650, 0.3082,
0.3326

 24.3820, 0.3019,
0.3375

 68.9277, 0.3051,
0.3350

 15.6172, 0.3001,
0.3389


 91.1414, 0.3057,
0.3345

 9.2537, 0.2977,
0.3408


117.6783, 0.3063,
0.3340

 4.9070, 0.2942,
0.3436

148.9229, 0.3068,
0.3337

 2.1928, 0.2885,
0.3482

185.2594, 0.3072,
0.3333

 0.7161, 0.2681,
0.3639

227.0723, 0.3076,

 0.0000, 0.0000,

0.3331

0.0000

274.7461, 0.3079,
0.3328

■ 35.9324, 0.3032,
0.3365

■ 35.9324, 0.3032,
0.3365

■ 34.2877, 0.2931,
0.3456

■ 37.8092, 0.3137,
0.3283

■ 32.8612, 0.2836,
0.3555

■ 39.9223, 0.3243,
0.3209

■ 31.6446, 0.2750,
0.3663

■ 42.2815, 0.3349,
0.3144

■ 30.6272, 0.2675,
0.3778

■ 44.8946, 0.3453,
0.3086

■ 29.7973, 0.2616,
0.3899

■ 47.7692, 0.3555,
0.3036

■ 29.1421, 0.2573,
0.4024

■ 50.9124, 0.3653,
0.2991

■ 28.6468, 0.2550,
0.4151

■ 52.2831, 0.3654,
0.2941

■ 28.2945, 0.2546,
0.4278

■ 52.5446, 0.3603,
0.2885

■ 28.0509, 0.2559,
0.4404

■ 52.8154, 0.3552,
0.2829

Harmonies

Analogous

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



35.9324, 0.3125, 0.3432



35.9324, 0.3032, 0.3365



35.9324, 0.2965, 0.3278

Triad

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



35.9324, 0.3032, 0.3365



35.9324, 0.3033, 0.3126



35.9324, 0.3317, 0.3380

Complementary

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



35.9324, 0.3032, 0.3365



32.1821, 0.3233, 0.3216

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.



35.9324, 0.3292, 0.3299



35.9324, 0.3032, 0.3365



35.9324, 0.3127, 0.3154

Square

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



35.9324, 0.3032, 0.3365



35.9324, 0.2966, 0.3141



35.9324, 0.3222, 0.3217



35.9324, 0.3291, 0.3439

Rectangle

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



35.9324, 0.3032, 0.3365



35.9324, 0.2944, 0.3221



35.9324, 0.3222, 0.3217



35.9324, 0.3315, 0.3354

Sweetspot

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



35.9339, 0.3032, 0.3365



66.3273, 0.3095, 0.3314



36.1083, 0.3166, 0.3514



14.4426, 0.3087, 0.3321



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



35.9339, 0.3032, 0.3365



63.6945, 0.3010, 0.3383



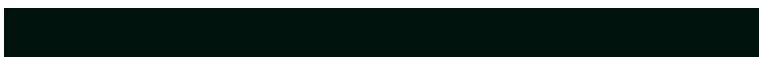
35.3090, 0.2990, 0.3256



7.9707, 0.3030, 0.3366



21.2132, 0.2556, 0.4403



0.4540, 0.2430, 0.3949

Inverse Universe

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



32.1821, 0.3233, 0.3216



55.5325, 0.3260, 0.3198



32.7415, 0.3278, 0.3324



7.1234, 0.3235, 0.3215



6.2714, 0.5585, 0.2850



0.1403, 0.4626, 0.2322

Previews

White Background



This preview shows how the Yxy color 35.9324, 0.3032, 0.3365 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 35.9324, 0.3032, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

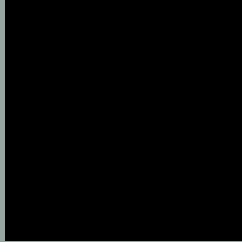
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

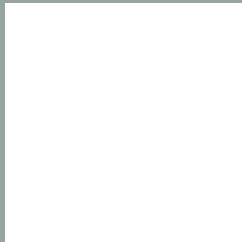
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.9324, 0.3032, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 35.9324, 0.3032, 0.3365.



This preview shows how white text looks on a background with the Yxy color 35.9324, 0.3032, 0.3365.

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

35.9324, 0.3032, 0.3365

Protanopia

35.9577, 0.3192, 0.3334

Deuteranopia

35.7327, 0.3279, 0.3207



Tritanopia

36.1013, 0.2927, 0.3101

Trichromacy



Original Color

35.9324, 0.3032, 0.3365

Protanomaly

35.8174, 0.3135, 0.3334

Deuteranomaly

35.5850, 0.3187, 0.3261

Tritanomaly

36.1286, 0.2967, 0.3202

Monochromacy



Original Color

35.9324, 0.3032, 0.3365

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.4466, 0.3088, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9324, 0.3032, 0.3365 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(150, 165, 160)` looks like.

```
.text, #text, p{  
    color:rgb(150, 165, 160)  
}
```

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(150, 165, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 165, 160) }
```

Border

The CSS property to change the border of an element to Yxy 35.9324, 0.3032, 0.3365 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(150, 165, 160) }
```

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

```
.border{ border-color:rgb(150, 165, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 165, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 165, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 165, 160);  
box-shadow:4px 4px 4px 4px rgb(150, 165,  
160) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 35.9324, 0.3032, 0.3365$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 165, 160) }
```

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

```
.background{ background-color: rgb(150,  
165, 160) }
```

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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