

Converting Colors

$Yxy(35.2410, 0.3098, 0.3242)$

Have a look what the booklet for
Yxy(35.2410, 0.3098, 0.3242)
contains.

Yxy(35.2595, 0.3101, 0.3246)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.2595, 0.3101, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	A0A0A3
RGB	160, 160, 163
RGB Percent	63%, 63%, 64%
CMY	0.3724, 0.3726, 0.3608
CMYK	0.02, 0.02, 0.00, 0.36
HSL	241°, 2%, 63%
HSV	241°, 2%, 64%
XYZ	33.6844, 35.2595, 39.6805
YIQ	160.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

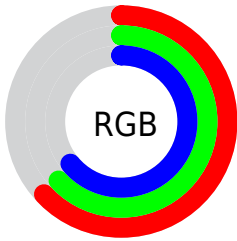
Format	Color
RYB	160, 160, 163
Decimal	10526883
CIELab	65.95, 0.60, -1.56
CIELCh	66, 1.675, 291.022
Yxy	35.2595, 0.3101, 0.3246
Android (android.graphics.Color)	4288716963 (0xFFA0A0A3)
YUV	160.3420, 1.3104, -0.2999
Hunter-Lab	59.3797, -2.6564, 1.9452

Details

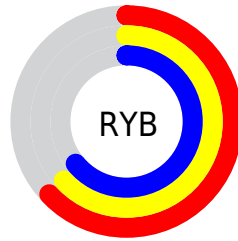
The Yxy color **35.2595, 0.3101, 0.3246** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5141, 0.3153, 0.3334**, and the grayscale version is **35.3171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1099, 0.3107, 0.3257**, and **15.3362, 0.3102, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **28.4263, 0.2947, 0.2988**, and if you desaturate by 10%, it is **43.0502, 0.3235, 0.3471**.

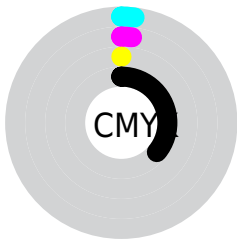
Distribution



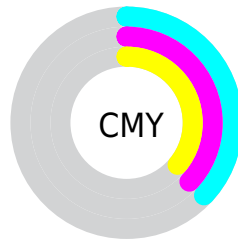
- Red (63%)
- Green (63%)
- Blue (64%)



- Red (63%)
- Yellow (63%)
- Blue (64%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (36%)





- Cyan (37%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2595, 0.3101, 0.3246 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 35.2595, 0.3101, 0.3246 by changing the saturation by 10% instead.


 35.2595, 0.3101,
0.3246

 35.2595, 0.3101,
0.3246


325.7123, 0.3115,
0.3269

 23.8628, 0.3097,
0.3240


 67.8876, 0.3106,
0.3255

 15.2319, 0.3093,
0.3232


 89.8878, 0.3108,
0.3258

 8.9823, 0.3086,
0.3221


116.1913, 0.3110,
0.3260

 4.7296, 0.3076,
0.3204

147.1825, 0.3111,
0.3263

 2.0895, 0.3060,
0.3177

183.2458, 0.3112,
0.3265

 0.6587, 0.3014,
0.3098

224.7656, 0.3113,

 0.0000, 0.0000,

0.3266

0.0000

272.1263, 0.3114,
0.3268

■ 35.2595, 0.3101,
0.3246

■ 35.2595, 0.3101,
0.3246

■ 28.4263, 0.2947,
0.2988

■ 43.0502, 0.3235,
0.3471

■ 22.5095, 0.2774,
0.2698

■ 51.8286, 0.3351,
0.3667

■ 17.4713, 0.2583,
0.2378

■ 61.6291, 0.3450,
0.3835

■ 13.2699, 0.2378,
0.2037

■ 72.4834, 0.3536,
0.3980

■ 9.8601, 0.2168,
0.1688

■ 84.4213, 0.3609,
0.4104

■ 7.1922, 0.1966,
0.1354

■ 95.4244, 0.3672,
0.4191

■ 5.2111, 0.1787,
0.1059

■ 3.8540, 0.1645,
0.0829

■ 3.0465, 0.1552,
0.0679

Harmonies

Analogous

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



35.2595, 0.3083, 0.3251



35.2595, 0.3101, 0.3246



35.2595, 0.3126, 0.3253

Triad

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



35.2595, 0.3101, 0.3246



35.2595, 0.3178, 0.3313



35.2595, 0.3103, 0.3311

Complementary

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



35.2595, 0.3101, 0.3246



36.5141, 0.3153, 0.3334

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.



35.2595, 0.3128, 0.3328



35.2595, 0.3101, 0.3246



35.2595, 0.3171, 0.3329

Square

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



35.2595, 0.3101, 0.3246



35.2595, 0.3170, 0.3291



35.2595, 0.3153, 0.3335



35.2595, 0.3085, 0.3289

Rectangle

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



35.2595, 0.3101, 0.3246



35.2595, 0.3143, 0.3263



35.2595, 0.3153, 0.3335



35.2595, 0.3111, 0.3318

Sweetspot

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



35.2610, 0.3101, 0.3246



64.2370, 0.3113, 0.3266



36.3118, 0.3099, 0.3290



14.4447, 0.3114, 0.3267



82.7571, 0.3127, 0.3290



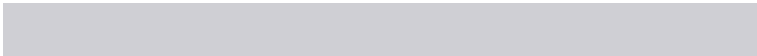
14.7319, 0.3127, 0.3290

Same Dimension

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



35.2610, 0.3101, 0.3246



62.8988, 0.3098, 0.3241



35.4122, 0.3115, 0.3246



8.0409, 0.3101, 0.3246



2.0697, 0.1506, 0.0604



0.0450, 0.1537, 0.0620

Inverse Universe

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



35.5683, 0.3130, 0.3247



63.5056, 0.3130, 0.3243



36.3612, 0.3139, 0.3334



8.1113, 0.3130, 0.3247



8.0379, 0.3247, 0.1563



0.1694, 0.3233, 0.1554

Previews

White Background



This preview shows how the Yxy color 35.2595, 0.3101, 0.3246 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 35.2595, 0.3101, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

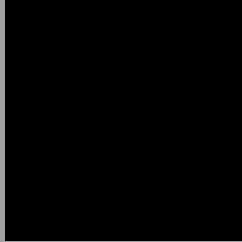
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

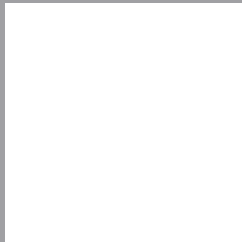
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.2595, 0.3101, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 35.2595, 0.3101, 0.3246.



This preview shows how white text looks on a background with the Yxy color 35.2595, 0.3101, 0.3246.

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

35.2595, 0.3101, 0.3246

Protanopia

35.1220, 0.3120, 0.3232

Deuteranopia

35.1217, 0.3232, 0.3164



Tritanopia

35.3136, 0.3041, 0.3117

Trichromacy



Original Color

35.2595, 0.3101, 0.3246

Protanomaly

35.0177, 0.3111, 0.3232

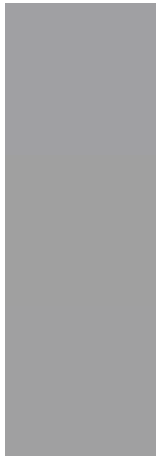
Deuteranomaly

35.2293, 0.3181, 0.3190

Tritanomaly

35.2005, 0.3067, 0.3160

Monochromacy



Original Color

35.2595, 0.3101, 0.3246

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.1884, 0.3118, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2595, 0.3101, 0.3246 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(160, 160, 163)` looks like.

```
.text, #text, p{  
    color:rgb(160, 160, 163)  
}
```

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(160, 160, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 160, 163) }
```

Border

The CSS property to change the border of an element to Yxy 35.2595, 0.3101, 0.3246 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(160, 160, 163) }
```

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

```
.border{ border-color:rgb(160, 160, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 160, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 160, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 160, 163);  
box-shadow:4px 4px 4px 4px rgb(160, 160,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2595, 0.3101, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 160, 163) }
```

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

```
.background{ background-color: rgb(160,  
160, 163) }
```

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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