

Converting Colors

$Yxy(35.4004, 0.3057, 0.3076)$

Have a look what the booklet for
Yxy(35.4004, 0.3057, 0.3076)
contains.

Yxy(35.4702, 0.3061, 0.3077)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.4702, 0.3061, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	A59EAD
RGB	165, 158, 173
RGB Percent	65%, 62%, 68%
CMY	0.3530, 0.3804, 0.3216
CMYK	0.05, 0.09, 0.00, 0.32
HSL	268°, 8%, 65%
HSV	268°, 9%, 68%
XYZ	35.2858, 35.4702, 44.5193
YIQ	161.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

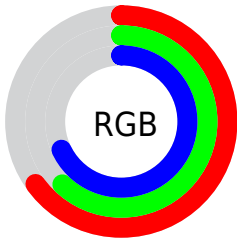
Format	Color
R_{YB}	165, 158, 173
Decimal	10854061
CIE Lab	66.11, 5.42, -6.87
CIE LCh	66, 8.749, 308.273
Yxy	35.4702, 0.3061, 0.3077
Android (android.graphics.Color)	4289044141 (0xFFA59EAD)
YUV	161.8030, 5.5201, 2.8038
Hunter-Lab	59.5569, 1.5317, -2.6300

Details

The Yxy color **35.4702, 0.3061, 0.3077** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4619, 0.3189, 0.3503**, and the grayscale version is **36.0087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4056, 0.3077, 0.3127**, and **15.4066, 0.3033, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **29.0248, 0.2973, 0.2812**, and if you desaturate by 10%, it is **42.8208, 0.3137, 0.3321**.

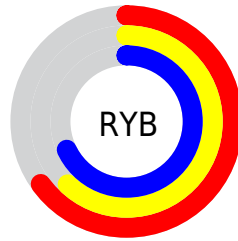
Distribution



Red (65%)

Green (62%)

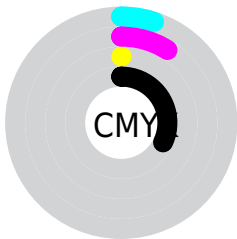
Blue (68%)



Red (65%)

Yellow (62%)

Blue (68%)

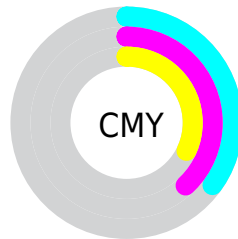


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.4702, 0.3061, 0.3077 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 35.4702, 0.3061, 0.3077 by changing the saturation by 10% instead.

■ 35.4702, 0.3061,
0.3077

■ 35.4702, 0.3061,
0.3077

■ 326.6389, 0.3096,
0.3187

■ 24.0253, 0.3052,
0.3048

■ 68.2135, 0.3074,
0.3118

■ 15.3524, 0.3039,
0.3011

■ 90.2808, 0.3079,
0.3133

■ 9.0671, 0.3021,
0.2959

■ 116.6576, 0.3083,
0.3146

■ 4.7850, 0.2995,
0.2885

■ 147.7283, 0.3087,
0.3156

■ 2.1216, 0.2952,
0.2768

■ 183.8775, 0.3089,
0.3166

■ 0.6768, 0.2881,
0.2514

■ 225.4893, 0.3092,

■ 0.0000, 0.0000,

0.3174

0.0000

272.9484, 0.3094,
0.3181

■ 35.4702, 0.3061,
0.3077

■ 35.4702, 0.3061,
0.3077

■ 29.0248, 0.2973,
0.2812

■ 42.8208, 0.3137,
0.3321

■ 23.4442, 0.2871,
0.2528

■ 51.1061, 0.3201,
0.3543

■ 18.6913, 0.2757,
0.2233

■ 60.3598, 0.3254,
0.3743

■ 14.7246, 0.2631,
0.1936

■ 70.6124, 0.3299,
0.3922

■ 11.4992, 0.2497,
0.1649

■ 81.8932, 0.3337,
0.4081

8.9649, 0.2358,
0.1386

89.8124, 0.3380,
0.4162

7.0656, 0.2222,
0.1163

91.2961, 0.3442,
0.4145

5.7354, 0.2094,
0.0991

92.8606, 0.3504,
0.4127

4.8574, 0.1979,
0.0871

94.5072, 0.3567,
0.4109

Harmonies

Analogous

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



35.4702, 0.2945, 0.3066



35.4702, 0.3061, 0.3077



35.4702, 0.3197, 0.3142

Triad

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



35.4702, 0.3061, 0.3077



35.4702, 0.3381, 0.3462



35.4702, 0.2941, 0.3333

Complementary

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



35.4702, 0.3061, 0.3077



40.4619, 0.3189, 0.3503

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.



35.4702, 0.3054, 0.3446



35.4702, 0.3061, 0.3077



35.4702, 0.3310, 0.3519

Square

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



35.4702, 0.3061, 0.3077



35.4702, 0.3384, 0.3361



35.4702, 0.3189, 0.3514



35.4702, 0.2877, 0.3210

Rectangle

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



35.4702, 0.3061, 0.3077



35.4702, 0.3280, 0.3208



35.4702, 0.3189, 0.3514



35.4702, 0.2974, 0.3373

Sweetspot

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



35.4717, 0.3061, 0.3077



70.7163, 0.3105, 0.3217



37.6502, 0.2996, 0.3193



15.1413, 0.3099, 0.3198



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.4717, 0.3061, 0.3077



61.6863, 0.3049, 0.3038



36.2712, 0.3130, 0.3082



7.9334, 0.3056, 0.3061



3.5250, 0.1975, 0.0862



0.1308, 0.2330, 0.1057

Inverse Universe

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



36.0928, 0.3200, 0.3178



62.9852, 0.3214, 0.3158



39.7004, 0.3124, 0.3507



8.0841, 0.3206, 0.3170



7.1101, 0.4786, 0.2410



0.2087, 0.4189, 0.2082

Previews

White Background



This preview shows how the Yxy color 35.4702, 0.3061, 0.3077 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 35.4702, 0.3061, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

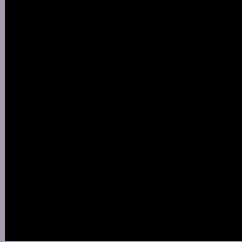
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

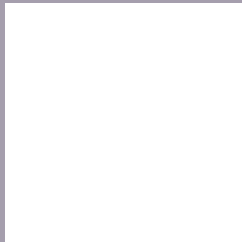
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.4702, 0.3061, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 35.4702, 0.3061, 0.3077.

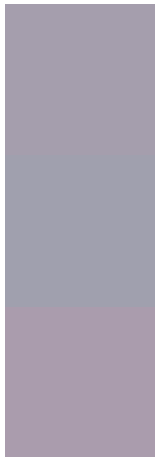


This preview shows how white text looks on a background with the Yxy color 35.4702, 0.3061, 0.3077.

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

35.4702, 0.3061, 0.3077

Protanopia

35.6712, 0.3006, 0.3089

Deuteranopia

35.3401, 0.3109, 0.3052



Tritanopia

35.3933, 0.3079, 0.3105

Trichromacy



Original Color

35.4702, 0.3061, 0.3077

Protanomaly

35.5336, 0.3024, 0.3076

Deuteranomaly

35.4559, 0.3090, 0.3064

Tritanomaly

35.4316, 0.3070, 0.3091

Monochromacy



Original Color

35.4702, 0.3061, 0.3077

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.0294, 0.3102, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4702, 0.3061, 0.3077 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(165, 158, 173)` looks like.

```
.text, #text, p{  
    color:rgb(165, 158, 173)  
}
```

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(165, 158, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 158, 173) }
```

Border

The CSS property to change the border of an element to Yxy 35.4702, 0.3061, 0.3077 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(165, 158, 173) }
```

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

```
.border{ border-color:rgb(165, 158, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 158, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 158, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 158, 173); box-shadow:4px 4px 4px 4px rgb(165, 158, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4702, 0.3061, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 158, 173) }
```

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

```
.background{ background-color: rgb(165,  
158, 173) }
```

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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