

Converting Colors

$Y_{xy}(35.5750, 0.3101, 0.3156)$

Have a look what the booklet for
Yxy(35.5750, 0.3101, 0.3156)
contains.

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Color

Yxy(35.6228, 0.3105, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	A59FA8
RGB	165, 159, 168
RGB Percent	65%, 62%, 66%
CMY	0.3527, 0.3765, 0.3411
CMYK	0.02, 0.05, 0.00, 0.34
HSL	280°, 5%, 64%
HSV	280°, 5%, 66%
XYZ	34.9917, 35.6228, 42.0802
YIQ	161.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

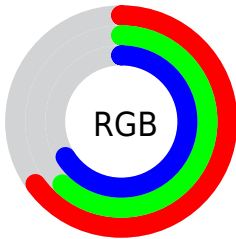
Format	Color
R_{YB}	165, 159, 168
Decimal	10854312
CIE Lab	66.23, 3.91, -3.90
CIE LCh	66, 5.526, 315.055
Yxy	35.6228, 0.3105, 0.3161
Android (android.graphics.Color)	4289044392 (0xFFA59FA8)
YUV	161.8200, 3.0467, 2.7889
Hunter-Lab	59.6848, 0.2016, -0.0224

Details

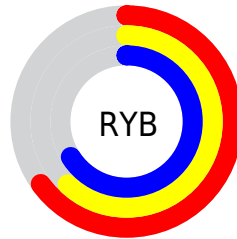
The Yxy color **35.6228, 0.3105, 0.3161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1856, 0.3148, 0.3420**, and the grayscale version is **36.0319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6365, 0.3110, 0.3192**, and **15.4968, 0.3094, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **29.6566, 0.3058, 0.2909**, and if you desaturate by 10%, it is **42.4027, 0.3145, 0.3397**.

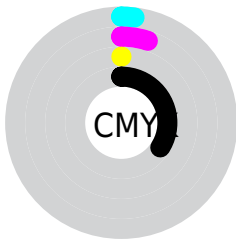
Distribution



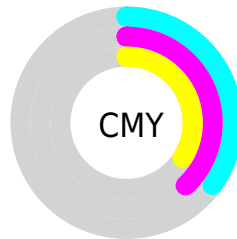
- Red (65%)
- Green (62%)
- Blue (66%)



- Red (65%)
- Yellow (62%)
- Blue (66%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)





- Cyan (35%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6228, 0.3105, 0.3161 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 35.6228, 0.3105, 0.3161 by changing the saturation by 10% instead.


 35.6228, 0.3105,
0.3161


 35.6228, 0.3105,
0.3161


327.3089, 0.3117,
0.3228

 24.1430, 0.3102,
0.3143


 68.4495, 0.3109,
0.3186

 15.4397, 0.3097,
0.3120


 90.5651, 0.3111,
0.3195

 9.1286, 0.3091,
0.3089


116.9949, 0.3112,
0.3203

 4.8252, 0.3082,
0.3043

148.1232, 0.3114,
0.3209

 2.1450, 0.3067,
0.2969

184.3343, 0.3115,
0.3215

 0.6898, 0.3046,
0.2797

226.0127, 0.3115,

 0.0000, 0.0000,

0.3220

0.0000

273.5427, 0.3116,
0.3224

■ 35.6228, 0.3105,
0.3161

■ 35.6228, 0.3105,
0.3161

■ 29.6566, 0.3058,
0.2909

■ 42.4027, 0.3145,
0.3397

■ 24.4679, 0.3002,
0.2643

■ 50.0219, 0.3177,
0.3615

■ 20.0242, 0.2938,
0.2371

■ 58.5102, 0.3204,
0.3814

■ 16.2890, 0.2865,
0.2101

■ 67.8947, 0.3225,
0.3994

■ 13.2228, 0.2786,
0.1843

■ 78.2015, 0.3242,
0.4157

■ 10.7821, 0.2701,
0.1608

■ 86.3602, 0.3262,
0.4260

■ 8.9180, 0.2613,
0.1407

■ 87.1214, 0.3297,
0.4249

■ 7.5740, 0.2526,
0.1250

■ 87.9101, 0.3333,
0.4238

■ 6.6791, 0.2441,
0.1141

■ 88.7265, 0.3369,
0.4227

Harmonies

Analogous

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



35.6228, 0.3027, 0.3146



35.6228, 0.3105, 0.3161



35.6228, 0.3190, 0.3209

Triad

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



35.6228, 0.3105, 0.3161



35.6228, 0.3281, 0.3410



35.6228, 0.2997, 0.3300

Complementary

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



35.6228, 0.3105, 0.3161



38.1856, 0.3148, 0.3420

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.



35.6228, 0.3063, 0.3373



35.6228, 0.3105, 0.3161



35.6228, 0.3227, 0.3437

Square

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



35.6228, 0.3105, 0.3161



35.6228, 0.3292, 0.3352



35.6228, 0.3148, 0.3424



35.6228, 0.2965, 0.3225

Rectangle

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



35.6228, 0.3105, 0.3161



35.6228, 0.3239, 0.3254



35.6228, 0.3148, 0.3424



35.6228, 0.3016, 0.3326

Sweetspot

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



35.6243, 0.3105, 0.3161



68.5719, 0.3119, 0.3242



36.0354, 0.3047, 0.3203



14.9760, 0.3119, 0.3244



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.



35.6243, 0.3105, 0.3161



63.7873, 0.3102, 0.3143



35.8890, 0.3147, 0.3183



7.9320, 0.3100, 0.3133



4.8151, 0.2411, 0.1102



0.1431, 0.2686, 0.1253

Inverse Universe

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



35.7238, 0.3188, 0.3248



63.9932, 0.3197, 0.3242



37.9326, 0.3108, 0.3399



7.9594, 0.3201, 0.3239



6.5034, 0.5619, 0.2869



0.1676, 0.4711, 0.2369

Previews

White Background



This preview shows how the Yxy color 35.6228, 0.3105, 0.3161 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 35.6228, 0.3105, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

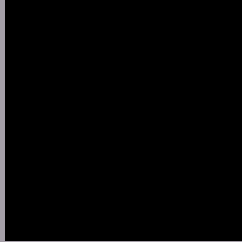
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

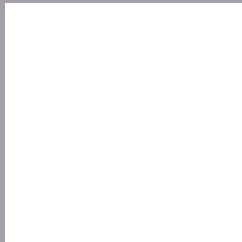
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.6228, 0.3105, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 35.6228, 0.3105, 0.3161.



This preview shows how white text looks on a background with the Yxy color 35.6228, 0.3105, 0.3161.

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

35.6228, 0.3105, 0.3161

Protanopia

35.6876, 0.3067, 0.3160

Deuteranopia

35.5257, 0.3175, 0.3108



Tritanopia

35.8435, 0.3088, 0.3120

Trichromacy



Original Color

35.6228, 0.3105, 0.3161

Protanomaly

35.7927, 0.3076, 0.3161

Deuteranomaly

35.5246, 0.3145, 0.3121

Tritanomaly

35.8055, 0.3096, 0.3134

Monochromacy



Original Color

35.6228, 0.3105, 0.3161

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.9566, 0.3120, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6228, 0.3105, 0.3161 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, 159, 168)` looks like.

```
.text, #text, p{  
    color:rgb(165, 159, 168)  
}
```

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, 159, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 159, 168) }
```

Border

The CSS property to change the border of an element to Yxy 35.6228, 0.3105, 0.3161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

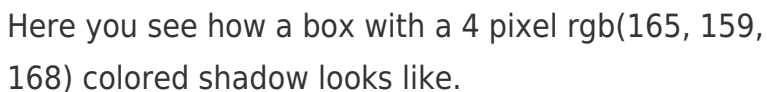
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 159, 168) }
```

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

```
.border{ border-color:rgb(165, 159, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 159, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 159, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 159, 168); box-shadow:4px 4px 4px 4px rgb(165, 159, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6228, 0.3105, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 159, 168) }
```

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

```
.background{ background-color: rgb(165,  
159, 168) }
```

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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