

Converting Colors

Yxy(35.8044, 0.3261, 0.3179)

Have a look what the booklet for
Yxy(35.8044, 0.3261, 0.3179)
contains.

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Color

Yxy(35.8044, 0.3261, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	B19CA4
RGB	177, 156, 164
RGB Percent	69%, 61%, 64%
CMY	0.3057, 0.3883, 0.3569
CMYK	0.00, 0.12, 0.07, 0.31
HSL	337°, 12%, 65%
HSV	337°, 12%, 69%
XYZ	36.7279, 35.8044, 40.0955
YIQ	163.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

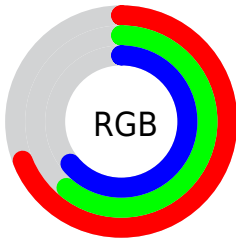
Format	Color
RYB	177, 156, 164
Decimal	11639972
CIELab	66.37, 9.14, -1.34
CIElCh	66, 9.239, 351.685
Yxy	35.8044, 0.3261, 0.3179
Android (android.graphics.Color)	4289830052 (0xFFB19CA4)
YUV	163.1910, 0.3988, 12.1105
Hunter-Lab	59.8368, 4.8493, 2.1566

Details

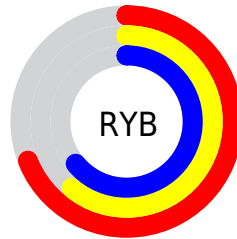
The Yxy color **35.8044, 0.3261, 0.3179** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3948, 0.3010, 0.3404**, and the grayscale version is **36.7181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0266, 0.3235, 0.3205**, and **15.5581, 0.3303, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **29.9120, 0.3400, 0.3080**, and if you desaturate by 10%, it is **42.6002, 0.3146, 0.3273**.

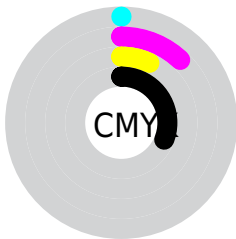
Distribution



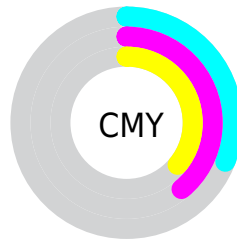
- Red (69%)
- Green (61%)
- Blue (64%)



- Red (69%)
- Yellow (61%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (31%)



- Cyan (31%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8044, 0.3261, 0.3179 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 35.8044, 0.3261, 0.3179 by changing the saturation by 10% instead.


 35.8044, 0.3261,
0.3179


 35.8044, 0.3261,
0.3179


328.1048, 0.3191,
0.3237

 24.2832, 0.3279,
0.3164


 68.7301, 0.3235,
0.3200

 15.5438, 0.3304,
0.3144


 90.9033, 0.3225,
0.3208

 9.2019, 0.3337,
0.3117

117.3959, 0.3217,
0.3215

 4.8731, 0.3386,
0.3077

148.5924, 0.3211,
0.3221

 2.1730, 0.3465,
0.3013

184.8772, 0.3205,
0.3226

 0.7052, 0.3635,
0.2866


226.6346, 0.3200,

 0.0000, 0.0000,


0.3230

0.0000

274.2490, 0.3195,
0.3233


 35.8044, 0.3261,
0.3179

 35.8044, 0.3261,
0.3179


 29.9120, 0.3400,
0.3080


 42.6002, 0.3146,
0.3273


 24.8800, 0.3569,
0.2978

 50.3305, 0.3052,
0.3360


 20.6692, 0.3771,
0.2878

 59.0308, 0.2975,
0.3441

 17.2353, 0.4009,
0.2786

 68.7333, 0.2912,
0.3515

 14.5297, 0.4282,
0.2712

 79.4687, 0.2859,
0.3583

■ 12.4984, 0.4585,
0.2667

■ 86.5755, 0.2810,
0.3569

■ 11.0800, 0.4902,
0.2664

■ 87.2108, 0.2755,
0.3445

■ 10.2011, 0.5213,
0.2711

■ 87.8856, 0.2702,
0.3324

■ 9.7617, 0.5450,
0.2776

■ 88.0924, 0.2686,
0.3289

Harmonies

Analogous

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



35.8044, 0.3121, 0.3090



35.8044, 0.3261, 0.3179



35.8044, 0.3366, 0.3297

Triad

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



35.8044, 0.3261, 0.3179



35.8044, 0.3267, 0.3538



35.8044, 0.2856, 0.3155

Complementary

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



35.8044, 0.3261, 0.3179



41.3948, 0.3010, 0.3404

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.



35.8044, 0.2893, 0.3276



35.8044, 0.3261, 0.3179



35.8044, 0.3129, 0.3502

Square

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



35.8044, 0.3261, 0.3179



35.8044, 0.3369, 0.3505



35.8044, 0.2992, 0.3404



35.8044, 0.2889, 0.3074

Rectangle

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



35.8044, 0.3261, 0.3179



35.8044, 0.3401, 0.3378



35.8044, 0.2992, 0.3404



35.8044, 0.2861, 0.3192

Sweetspot

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



35.8060, 0.3261, 0.3179



73.4665, 0.3169, 0.3253



35.3815, 0.3064, 0.2996



15.7198, 0.3178, 0.3246



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.8060, 0.3261, 0.3179



61.4739, 0.3291, 0.3156



36.3584, 0.3333, 0.3325



8.5570, 0.3229, 0.3204



7.0798, 0.5422, 0.2760



0.2343, 0.4665, 0.2343

Inverse Universe

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



35.8060, 0.3261, 0.3179



61.4739, 0.3291, 0.3156



40.7429, 0.2948, 0.3255



8.5570, 0.3229, 0.3204



7.0798, 0.5422, 0.2760



0.2343, 0.4665, 0.2343

Previews

White Background



This preview shows how the Yxy color 35.8044, 0.3261, 0.3179 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 35.8044, 0.3261, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

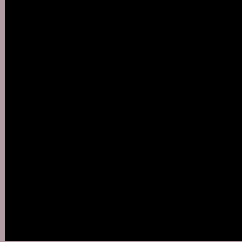
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8044, 0.3261, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 35.8044, 0.3261, 0.3179.



This preview shows how white text looks on a background with the Yxy color 35.8044, 0.3261, 0.3179.

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

35.8044, 0.3261, 0.3179

Protanopia

36.0663, 0.3093, 0.3204

Deuteranopia

35.6874, 0.3251, 0.3179



Tritanopia

35.7348, 0.3234, 0.3111

Trichromacy



Original Color

35.8044, 0.3261, 0.3179

Protanomaly

35.8743, 0.3151, 0.3191

Deuteranomaly

35.6874, 0.3251, 0.3179

Tritanomaly

35.6977, 0.3243, 0.3125

Monochromacy



Original Color

35.8044, 0.3261, 0.3179

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1108, 0.3177, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8044, 0.3261, 0.3179 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(177, 156, 164)` looks like.

```
.text, #text, p{  
    color:rgb(177, 156, 164)  
}
```

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(177, 156, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 156, 164) }
```

Border

The CSS property to change the border of an element to Yxy 35.8044, 0.3261, 0.3179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

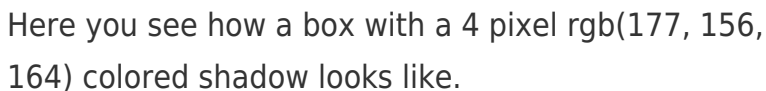
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 156, 164) }
```

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

```
.border{ border-color:rgb(177, 156, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 156, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 156, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 156, 164); box-shadow:4px 4px 4px 4px rgb(177, 156, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8044, 0.3261, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 156, 164) }
```

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

```
.background{ background-color: rgb(177,  
156, 164) }
```

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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