

Converting Colors

$Y_{xy}(40.3889, 0.3125, 0.3108)$

Have a look what the booklet for
Yxy(40.3889, 0.3125, 0.3108)
contains.

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Color

Yxy(40.5164, 0.3126, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	B3A7B4
RGB	179, 167, 180
RGB Percent	70%, 65%, 71%
CMY	0.2981, 0.3451, 0.2941
CMYK	0.01, 0.07, 0.00, 0.29
HSL	295°, 8%, 68%
HSV	295°, 7%, 71%
XYZ	40.6464, 40.5164, 48.8641
YIQ	172.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

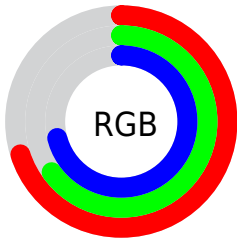
Format	Color
RYB	179, 167, 180
Decimal	11773876
CIELab	69.84, 6.72, -5.13
CIElCh	70, 8.455, 322.643
Yxy	40.5164, 0.3126, 0.3116
Android (android.graphics.Color)	4289963956 (0xFFB3A7B4)
YUV	172.0700, 3.9095, 6.0776
Hunter-Lab	63.6525, 2.5925, -0.9584

Details

The Yxy color $40.5164, 0.3126, 0.3116$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $43.7656, 0.3128, 0.3469$, and the grayscale version is $41.2715, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.9608, 0.3127, 0.3145$, and $18.2294, 0.3125, 0.3068$ is the 20% darker color. If you saturate the color by 10%, you get $34.2073, 0.3123, 0.2868$, and if you desaturate by 10%, it is $47.7488, 0.3127, 0.3355$.

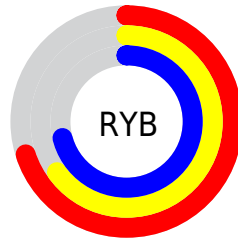
Distribution



Red (70%)

Green (65%)

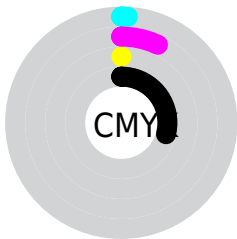
Blue (71%)



Red (70%)

Yellow (65%)

Blue (71%)

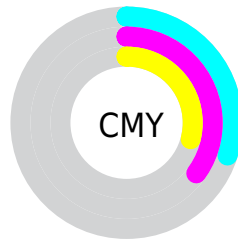


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (30%)


Magenta (35%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5164, 0.3126, 0.3116 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 40.5164, 0.3126, 0.3116 by changing the saturation by 10% instead.


 40.5164, 0.3126,
0.3116


 40.5164, 0.3126,
0.3116


348.2953, 0.3127,
0.3204

 27.9414, 0.3126,
0.3094


 75.9492, 0.3127,
0.3148

 18.2815, 0.3125,
0.3065


 99.5759, 0.3127,
0.3160

 11.1523, 0.3124,
0.3026


127.6551, 0.3127,
0.3170

 6.1694, 0.3122,
0.2971

160.5715, 0.3127,
0.3179

 2.9483, 0.3119,
0.2888

198.7093, 0.3127,
0.3187

 1.1048, 0.3110,
0.2745

242.4529, 0.3127,

 0.0000, 0.3022,

0.3193

0.0000

292.1868, 0.3127,
0.3199

0.0000, 0.0000,
0.0000

40.5164, 0.3126,
0.3116

40.5164, 0.3126,
0.3116

34.2073, 0.3123,
0.2868

47.7488, 0.3127,
0.3355

28.7785, 0.3118,
0.2616

55.9349, 0.3127,
0.3581

24.1915, 0.3110,
0.2368

65.1098, 0.3126,
0.3792

20.4029, 0.3100,
0.2134

75.3058, 0.3124,
0.3986

17.3652, 0.3088,
0.1923

85.2625, 0.3123,
0.4143

■ 15.0262, 0.3073,
0.1743

■ 85.4406, 0.3131,
0.4141

■ 13.3268, 0.3056,
0.1603

■ 85.6204, 0.3140,
0.4139

■ 12.1980, 0.3038,
0.1505

■ 85.8020, 0.3149,
0.4137

■ 11.5398, 0.3018,
0.1447

■ 85.9853, 0.3157,
0.4134

Harmonies

Analogous

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



40.5164, 0.3006, 0.3081



40.5164, 0.3126, 0.3116



40.5164, 0.3248, 0.3195

Triad

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



40.5164, 0.3126, 0.3116



40.5164, 0.3338, 0.3481



40.5164, 0.2920, 0.3275

Complementary

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



40.5164, 0.3126, 0.3116



43.7656, 0.3128, 0.3469

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.



40.5164, 0.3005, 0.3387



40.5164, 0.3126, 0.3116



40.5164, 0.3246, 0.3507

Square

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



40.5164, 0.3126, 0.3116



40.5164, 0.3372, 0.3404



40.5164, 0.3125, 0.3473



40.5164, 0.2889, 0.3169

Rectangle

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



40.5164, 0.3126, 0.3116



40.5164, 0.3314, 0.3264



40.5164, 0.3125, 0.3473



40.5164, 0.2943, 0.3313

Sweetspot

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



40.5181, 0.3126, 0.3116



80.0491, 0.3127, 0.3242



39.5505, 0.3018, 0.3125



17.3323, 0.3127, 0.3244



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.5181, 0.3126, 0.3116



71.1222, 0.3126, 0.3069



40.4237, 0.3182, 0.3188



8.6121, 0.3125, 0.3065



7.9610, 0.3015, 0.1435



0.2604, 0.3073, 0.1467

Inverse Universe

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



40.1727, 0.3239, 0.3276



70.3413, 0.3272, 0.3273



43.8586, 0.3076, 0.3394



8.5157, 0.3275, 0.3272



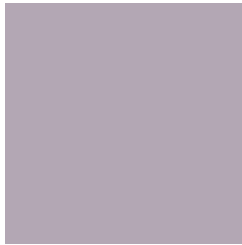
6.7989, 0.6297, 0.3243



0.2175, 0.5902, 0.3025

Previews

White Background



This preview shows how the Yxy color 40.5164, 0.3126, 0.3116 looks on a white background.

Color Contrast Check

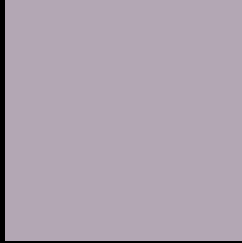
Large Text (above 18pt) WCAG AA × Fail

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 40.5164, 0.3126, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

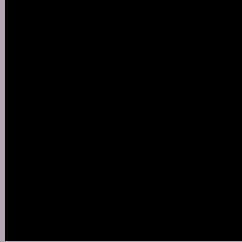
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

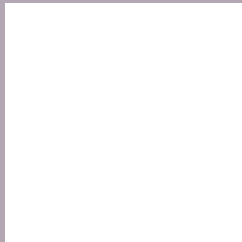
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.5164, 0.3126, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 40.5164, 0.3126, 0.3116.



This preview shows how white text looks on a background with the Yxy color 40.5164, 0.3126, 0.3116.

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

40.5164, 0.3126, 0.3116

Protanopia

40.7848, 0.3037, 0.3127

Deuteranopia

40.6350, 0.3163, 0.3105



Tritanopia

40.5164, 0.3126, 0.3116

Trichromacy



Original Color

40.5164, 0.3126, 0.3116

Protanomaly

40.7108, 0.3072, 0.3128

Deuteranomaly

40.5128, 0.3154, 0.3104

Tritanomaly

40.5164, 0.3126, 0.3116

Monochromacy



Original Color

40.5164, 0.3126, 0.3116

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9586, 0.3130, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5164, 0.3126, 0.3116 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(179, 167, 180)` looks like.

```
.text, #text, p{  
    color:rgb(179, 167, 180)  
}
```

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(179, 167, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 167, 180) }
```

Border

The CSS property to change the border of an element to Yxy 40.5164, 0.3126, 0.3116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

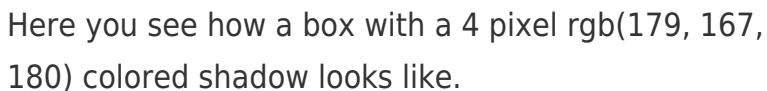
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 167, 180) }
```

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

```
.border{ border-color:rgb(179, 167, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 167, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 167, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 167, 180); box-shadow:4px 4px 4px 4px rgb(179, 167, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5164, 0.3126, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 167, 180) }
```

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

```
.background{ background-color: rgb(179,  
167, 180) }
```

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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