

Converting Colors

$Yxy(40.0467, 0.3222, 0.2960)$

Have a look what the booklet for
Yxy(40.0467, 0.3222, 0.2960)
contains.

Yxy(40.1561, 0.3218, 0.2958)	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(40.1561, 0.3218, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	C2A0BA
RGB	194, 160, 186
RGB Percent	76%, 63%, 73%
CMY	0.2392, 0.3726, 0.2705
CMYK	0.00, 0.18, 0.04, 0.24
HSL	314°, 22%, 69%
HSV	314°, 18%, 76%
XYZ	43.6857, 40.1561, 51.9124
YIQ	173.1300, 11.9180, 15.2940

Conversions

Conversions Part 2

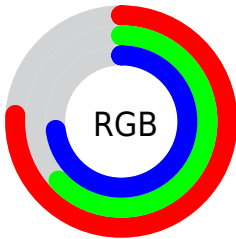
Format	Color
RYB	194, 160, 186
Decimal	12755130
CIELab	69.58, 16.98, -8.69
CIELCh	70, 19.079, 332.903
Yxy	40.1561, 0.3218, 0.2958
Android (android.graphics.Color)	4290945210 (0xFFC2A0BA)
YUV	173.1300, 6.3449, 18.3030
Hunter-Lab	63.3688, 12.1603, -4.2128

Details

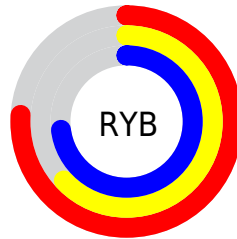
The Yxy color $40.1561, 0.3218, 0.2958$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $48.8899, 0.3047, 0.3646$, and the grayscale version is $41.8232, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5209, 0.3205, 0.3021$, and $17.9940, 0.3240, 0.2857$ is the 20% darker color. If you saturate the color by 10%, you get $33.7571, 0.3281, 0.2762$, and if you desaturate by 10%, it is $47.6145, 0.3163, 0.3150$.

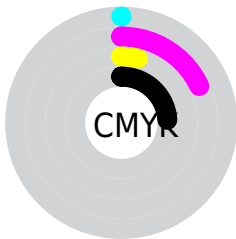
Distribution



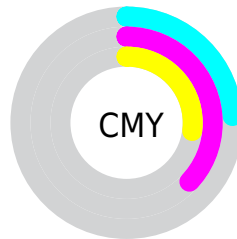
- Red (76%)
- Green (63%)
- Blue (73%)



- Red (76%)
- Yellow (63%)
- Blue (73%)



- Cyan (0%)
- Magenta (18%)
- Yellow (4%)
- Black (24%)





- Cyan (24%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1561, 0.3218, 0.2958 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 40.1561, 0.3218, 0.2958 by changing the saturation by 10% instead.

 40.1561, 0.3218,
0.2958


 40.1561, 0.3218,
0.2958


346.7811, 0.3173,
0.3124

 27.6603, 0.3229,
0.2917


 75.4012, 0.3202,
0.3018

 18.0697, 0.3243,
0.2864


 98.9192, 0.3196,
0.3041

 11.0001, 0.3261,
0.2793


126.8801, 0.3191,
0.3060

 6.0669, 0.3285,
0.2695

159.6682, 0.3186,
0.3076

 2.8858, 0.3320,
0.2549

197.6680, 0.3183,
0.3091

 1.0724, 0.3375,
0.2310

241.2638, 0.3179,


 0.0000, 0.3995,


0.3103


0.0000


290.8400, 0.3176,
0.3114


 0.0000, 0.0000,
0.0000

 40.1561, 0.3218,
0.2958


 40.1561, 0.3218,
0.2958

 33.7571, 0.3281,
0.2762


 47.6145, 0.3163,
0.3150

 28.3635, 0.3353,
0.2568

 56.1726, 0.3116,
0.3335


 23.9249, 0.3433,
0.2383

 65.8747, 0.3076,
0.3508

 20.3839, 0.3520,
0.2218

 76.7614, 0.3043,
0.3670

 17.6773, 0.3612,
0.2082

 87.5856, 0.3015,
0.3799

■ 15.7334, 0.3706,
0.1986

■ 87.8145, 0.2990,
0.3747

■ 14.4685, 0.3800,
0.1934

■ 88.0499, 0.2966,
0.3695

■ 13.7622, 0.3890,
0.1928

■ 88.2919, 0.2941,
0.3644

■ 13.6223, 0.3913,
0.1929

■ 88.5405, 0.2917,
0.3593

Harmonies

Analogous

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



40.1561, 0.2937, 0.2844



40.1561, 0.3218, 0.2958



40.1561, 0.3484, 0.3152

Triad

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



40.1561, 0.3218, 0.2958



40.1561, 0.3542, 0.3756



40.1561, 0.2627, 0.3158

Complementary

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



40.1561, 0.3218, 0.2958



48.8899, 0.3047, 0.3646

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.



40.1561, 0.2775, 0.3423



40.1561, 0.3218, 0.2958



40.1561, 0.3300, 0.3782

Square

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



40.1561, 0.3218, 0.2958



40.1561, 0.3675, 0.3605



40.1561, 0.3019, 0.3659



40.1561, 0.2607, 0.2946

Rectangle

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



40.1561, 0.3218, 0.2958



40.1561, 0.3612, 0.3305



40.1561, 0.3019, 0.3659



40.1561, 0.2663, 0.3244

Sweetspot

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



40.1579, 0.3218, 0.2958



89.8680, 0.3151, 0.3196



37.3541, 0.2912, 0.2829



19.4461, 0.3155, 0.3183



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



40.1579, 0.3218, 0.2958



68.1177, 0.3241, 0.2884



39.4791, 0.3374, 0.3172



10.2057, 0.3173, 0.3116



8.9681, 0.3901, 0.1923



0.3976, 0.3717, 0.1821

Inverse Universe

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



40.1579, 0.3218, 0.2958



68.1177, 0.3241, 0.2884



49.5633, 0.2928, 0.3411



10.2057, 0.3173, 0.3116



8.9681, 0.3901, 0.1923



0.3976, 0.3717, 0.1821

Previews

White Background



This preview shows how the Yxy color 40.1561, 0.3218, 0.2958 looks on a white background.

Color Contrast Check

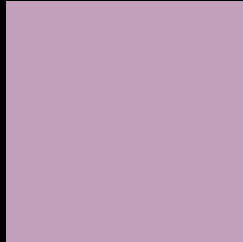
Large Text (above 18pt) WCAG AA × Fail

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 40.1561, 0.3218, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

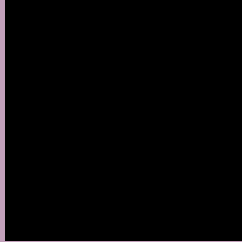
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1561, 0.3218, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 40.1561, 0.3218, 0.2958.



This preview shows how white text looks on a background with the Yxy color 40.1561, 0.3218, 0.2958.

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

40.1561, 0.3218, 0.2958

Protanopia

40.3972, 0.2923, 0.2979

Deuteranopia

40.1163, 0.3094, 0.3025



Tritanopia

40.1423, 0.3297, 0.3121

Trichromacy



Original Color

40.1561, 0.3218, 0.2958

Protanomaly

40.3373, 0.3025, 0.2972

Deuteranomaly

40.0115, 0.3141, 0.3002

Tritanomaly

40.0819, 0.3271, 0.3058

Monochromacy



Original Color

40.1561, 0.3218, 0.2958

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.0434, 0.3161, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1561, 0.3218, 0.2958 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(194, 160, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 160, 186)  
}
```

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(194, 160, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 160, 186) }
```

Border

The CSS property to change the border of an element to Yxy 40.1561, 0.3218, 0.2958 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(194, 160, 186) }
```

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

```
.border{ border-color:rgb(194, 160, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 160, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 160, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 160, 186);  
box-shadow:4px 4px 4px 4px rgb(194, 160,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1561, 0.3218, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 160, 186) }
```

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

```
.background{ background-color: rgb(194,  
160, 186) }
```

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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