

Converting Colors

$Y_{xy}(40.8480, 0.3204, 0.3223)$

Have a look what the booklet for
Yxy(40.8480, 0.3204, 0.3223)
contains.

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Color

Yxy(40.8462, 0.3204, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	B5A8AD
RGB	181, 168, 173
RGB Percent	71%, 66%, 68%
CMY	0.2901, 0.3412, 0.3215
CMYK	0.00, 0.07, 0.04, 0.29
HSL	337°, 8%, 68%
HSV	337°, 7%, 71%
XYZ	40.6054, 40.8462, 45.2819
YIQ	172.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

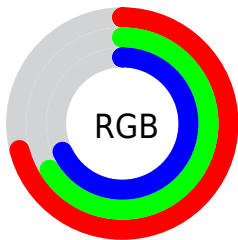
Format	Color
R _Y B	181, 168, 173
Decimal	11905197
CIE Lab	70.07, 5.59, -0.89
CIE LCh	70, 5.663, 350.933
Yxy	40.8462, 0.3204, 0.3223
Android (android.graphics.Color)	4290095277 (0xFFB5A8AD)
YUV	172.4570, 0.2677, 7.4922
Hunter-Lab	63.9110, 1.5644, 2.7299

Details

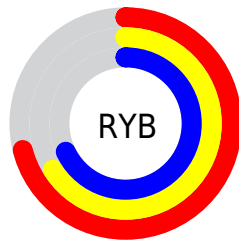
The Yxy color **40.8462, 0.3204, 0.3223** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.5158, 0.3056, 0.3358**, and the grayscale version is **41.4971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3813, 0.3193, 0.3238**, and **18.4605, 0.3222, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **34.2095, 0.3331, 0.3125**, and if you desaturate by 10%, it is **48.4529, 0.3100, 0.3315**.

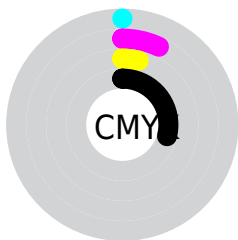
Distribution



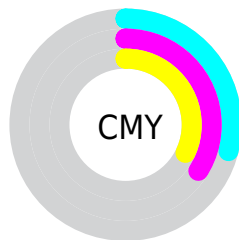
- Red (71%)
- Green (66%)
- Blue (68%)



- Red (71%)
- Yellow (66%)
- Blue (68%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (29%)





- Cyan (29%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8462, 0.3204, 0.3223 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 40.8462, 0.3204, 0.3223 by changing the saturation by 10% instead.

 40.8462, 0.3204,
0.3223


 40.8462, 0.3204,
0.3223


349.6774, 0.3165,
0.3257

 28.1989, 0.3214,
0.3214


 76.4504, 0.3190,
0.3236

 18.4757, 0.3227,
0.3203


 100.1760, 0.3184,
0.3240

 11.2920, 0.3245,
0.3187


128.3633, 0.3180,
0.3244

 6.2636, 0.3270,
0.3166

161.3966, 0.3176,
0.3248

 3.0060, 0.3309,
0.3132

199.6602, 0.3173,
0.3250

 1.1349, 0.3379,
0.3073

243.5387, 0.3170,

 0.0075, 0.6478,

0.3253

0.0340

293.4162, 0.3167,
0.3255

0.0000, 0.0000,
0.0000

40.8462, 0.3204,
0.3223

40.8462, 0.3204,
0.3223

34.2095, 0.3331,
0.3125

48.4529, 0.3100,
0.3315

28.4983, 0.3484,
0.3023

57.0610, 0.3015,
0.3401

23.6727, 0.3669,
0.2920

66.7072, 0.2945,
0.3479

19.6876, 0.3889,
0.2822

77.4248, 0.2887,
0.3551

16.4941, 0.4145,
0.2737

86.9869, 0.2837,
0.3580

■ 14.0381, 0.4433,
0.2676

■ 87.6283, 0.2780,
0.3454

■ 12.2586, 0.4743,
0.2651

■ 88.3103, 0.2725,
0.3332

■ 11.0846, 0.5058,
0.2674

■ 88.5663, 0.2706,
0.3289

■ 10.4143, 0.5355,
0.2746

Harmonies

Analogous

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



40.8462, 0.3122, 0.3171



40.8462, 0.3204, 0.3223



40.8462, 0.3266, 0.3293

Triad

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



40.8462, 0.3204, 0.3223



40.8462, 0.3211, 0.3435



40.8462, 0.2967, 0.3214

Complementary

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



40.8462, 0.3204, 0.3223



44.5158, 0.3056, 0.3358

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.



40.8462, 0.2990, 0.3285



40.8462, 0.3204, 0.3223



40.8462, 0.3131, 0.3414

Square

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



40.8462, 0.3204, 0.3223



40.8462, 0.3270, 0.3416



40.8462, 0.3050, 0.3359



40.8462, 0.2986, 0.3164

Rectangle

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



40.8462, 0.3204, 0.3223



40.8462, 0.3287, 0.3341



40.8462, 0.3050, 0.3359



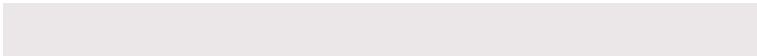
40.8462, 0.2970, 0.3236

Sweetspot

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



40.8480, 0.3204, 0.3223



79.9465, 0.3148, 0.3271



40.5495, 0.3088, 0.3115



17.3113, 0.3147, 0.3272



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.



40.8480, 0.3204, 0.3223



70.6804, 0.3227, 0.3204



41.1409, 0.3246, 0.3308



8.5576, 0.3229, 0.3203



7.0865, 0.5405, 0.2751



0.2346, 0.4652, 0.2337

Inverse Universe

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



40.8480, 0.3204, 0.3223



70.6804, 0.3227, 0.3204



44.1906, 0.3018, 0.3272



8.5576, 0.3229, 0.3203



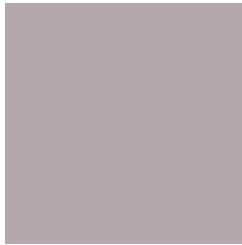
7.0865, 0.5405, 0.2751



0.2346, 0.4652, 0.2337

Previews

White Background



This preview shows how the Yxy color 40.8462, 0.3204, 0.3223 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 40.8462, 0.3204, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

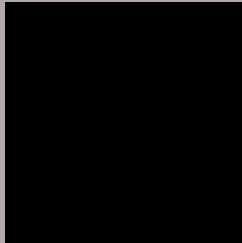
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

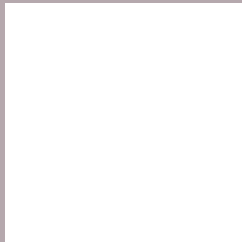
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.8462, 0.3204, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 40.8462, 0.3204, 0.3223.



This preview shows how white text looks on a background with the Yxy color 40.8462, 0.3204, 0.3223.

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

40.8462, 0.3204, 0.3223

Protanopia

40.6897, 0.3121, 0.3235

Deuteranopia

40.8544, 0.3262, 0.3198



Tritanopia

40.8778, 0.3154, 0.3118

Trichromacy



Original Color

40.8462, 0.3204, 0.3223

Protanomaly

40.6620, 0.3149, 0.3222

Deuteranomaly

40.9689, 0.3242, 0.3211

Tritanomaly

40.7568, 0.3179, 0.3157

Monochromacy



Original Color

40.8462, 0.3204, 0.3223

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2183, 0.3155, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8462, 0.3204, 0.3223 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(181, 168, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 168, 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(181, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 168, 173) }
```

Border

The CSS property to change the border of an element to Yxy 40.8462, 0.3204, 0.3223 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(181, 168, 173) }
```

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

```
.border{ border-color:rgb(181, 168, 173) }
```

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

Here you see how a box with a 4 pixel rgb(181, 168, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 168,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8462, 0.3204, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 168, 173) }
```

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

```
.background{ background-color: rgb(181,  
168, 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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