

Converting Colors

Yxy(44.9247, 0.3123, 0.3232)

Have a look what the booklet for
Yxy(44.9247, 0.3123, 0.3232)
contains.

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Color

Yxy(45.0419, 0.3121, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	B5B2B6
RGB	181, 178, 182
RGB Percent	71%, 70%, 71%
CMY	0.2903, 0.3019, 0.2864
CMYK	0.01, 0.02, 0.00, 0.29
HSL	285°, 3%, 71%
HSV	285°, 2%, 71%
XYZ	43.4144, 45.0419, 50.6478
YIQ	179.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

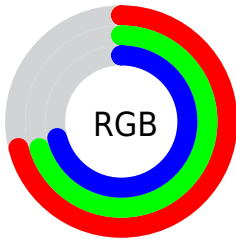
Format	Color
RYB	181, 178, 182
Decimal	11907766
CIELab	72.92, 1.79, -1.65
CIElCh	73, 2.439, 317.293
Yxy	45.0419, 0.3121, 0.3238
Android (android.graphics.Color)	4290097846 (0xFFB5B2B6)
YUV	179.3530, 1.3050, 1.4444
Hunter-Lab	67.1133, -1.9797, 2.2354

Details

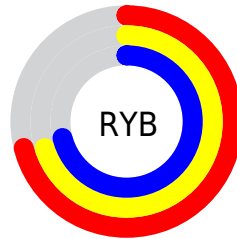
The Yxy color **45.0419, 0.3121, 0.3238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.2452, 0.3133, 0.3342**, and the grayscale version is **45.2690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0232, 0.3122, 0.3249**, and **20.8414, 0.3119, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **37.7329, 0.3089, 0.2990**, and if you desaturate by 10%, it is **53.3335, 0.3147, 0.3470**.

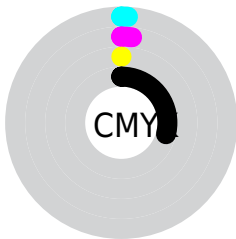
Distribution



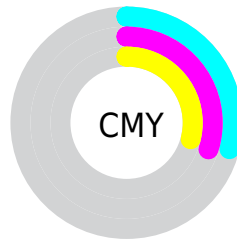
- Red (71%)
- Green (70%)
- Blue (71%)



- Red (71%)
- Yellow (70%)
- Blue (71%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0419, 0.3121, 0.3238 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 45.0419, 0.3121, 0.3238 by changing the saturation by 10% instead.

■ 45.0419, 0.3121,
0.3238

■ 45.0419, 0.3121,
0.3238

366.9432, 0.3124,
0.3264

■ 31.4904, 0.3120,
0.3231

■ 82.7833, 0.3122,
0.3248

■ 20.9726, 0.3119,
0.3223

107.7420, 0.3123,
0.3251

■ 13.1040, 0.3118,
0.3212

137.2719, 0.3123,
0.3254

■ 7.5002, 0.3116,
0.3196

171.7574, 0.3123,
0.3257

■ 3.7768, 0.3113,
0.3172

211.5829, 0.3124,
0.3259

■ 1.5495, 0.3107,
0.3132

257.1328, 0.3124,

■ 0.3232, 0.3074,

0.3261

0.2831

308.7914, 0.3124,
0.3263

0.0000, 0.0000,
0.0000

45.0419, 0.3121,
0.3238

45.0419, 0.3121,
0.3238

37.7329, 0.3089,
0.2990

53.3335, 0.3147,
0.3470

31.3629, 0.3051,
0.2731

62.6376, 0.3168,
0.3685

25.8938, 0.3006,
0.2465

72.9899, 0.3185,
0.3881

21.2825, 0.2954,
0.2201

84.4225, 0.3198,
0.4060

17.4822, 0.2896,
0.1949

87.7059, 0.3222,
0.4093

■ 14.4419, 0.2833,
0.1719

■ 88.3595, 0.3251,
0.4086

■ 12.1044, 0.2767,
0.1522

■ 89.0322, 0.3281,
0.4078

■ 10.4044, 0.2700,
0.1367

■ 89.7241, 0.3310,
0.4071

■ 9.2639, 0.2633,
0.1257

■ 90.4354, 0.3340,
0.4063

Harmonies

Analogous

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



45.0419, 0.3088, 0.3231



45.0419, 0.3121, 0.3238



45.0419, 0.3155, 0.3259

Triad

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



45.0419, 0.3121, 0.3238



45.0419, 0.3189, 0.3341



45.0419, 0.3072, 0.3292

Complementary

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



45.0419, 0.3121, 0.3238



46.2452, 0.3133, 0.3342

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.



45.0419, 0.3099, 0.3322



45.0419, 0.3121, 0.3238



45.0419, 0.3166, 0.3350

Square

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



45.0419, 0.3121, 0.3238



45.0419, 0.3195, 0.3318



45.0419, 0.3133, 0.3343



45.0419, 0.3060, 0.3262

Rectangle

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



45.0419, 0.3121, 0.3238



45.0419, 0.3175, 0.3278



45.0419, 0.3133, 0.3343



45.0419, 0.3080, 0.3302

Sweetspot

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



45.0438, 0.3121, 0.3238



83.3412, 0.3124, 0.3266



45.1110, 0.3095, 0.3252



18.4242, 0.3124, 0.3267



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



45.0438, 0.3121, 0.3238



80.4610, 0.3118, 0.3217



45.1263, 0.3137, 0.3250



9.9877, 0.3116, 0.3200



6.1349, 0.2590, 0.1200



0.2437, 0.2758, 0.1293

Inverse Universe

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



45.0430, 0.3154, 0.3277



80.4597, 0.3165, 0.3272



46.1645, 0.3117, 0.3330



9.9876, 0.3173, 0.3268



7.1697, 0.5896, 0.3022



0.2630, 0.5151, 0.2611

Previews

White Background



This preview shows how the Yxy color 45.0419, 0.3121, 0.3238 looks on a white background.

Color Contrast Check

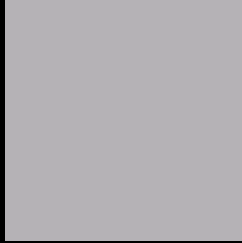
Large Text (above 18pt) WCAG AA × Fail

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 45.0419, 0.3121, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

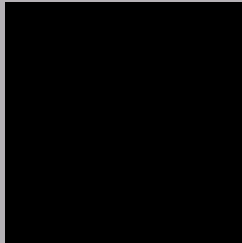
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

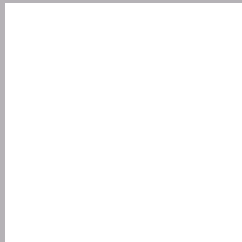
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0419, 0.3121, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 45.0419, 0.3121, 0.3238.



This preview shows how white text looks on a background with the Yxy color 45.0419, 0.3121, 0.3238.

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

45.0419, 0.3121, 0.3238

Protanopia

45.0419, 0.3121, 0.3238

Deuteranopia

44.7754, 0.3231, 0.3163



Tritanopia

45.1510, 0.3058, 0.3109

Trichromacy



Original Color

45.0419, 0.3121, 0.3238

Protanomaly

45.0419, 0.3121, 0.3238

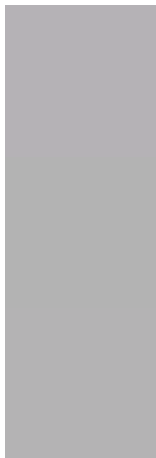
Deuteranomaly

44.8977, 0.3185, 0.3187

Tritanomaly

45.0202, 0.3082, 0.3147

Monochromacy



Original Color

45.0419, 0.3121, 0.3238

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.2388, 0.3128, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0419, 0.3121, 0.3238 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, 178, 182)` looks like.

```
.text, #text, p{  
    color:rgb(181, 178, 182)  
}
```

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, 178, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 178, 182) }
```

Border

The CSS property to change the border of an element to Yxy 45.0419, 0.3121, 0.3238 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, 178, 182) }
```

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

```
.border{ border-color:rgb(181, 178, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 178, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 178, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 178, 182);  
box-shadow:4px 4px 4px 4px rgb(181, 178,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0419, 0.3121, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 178, 182) }
```

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

```
.background{ background-color: rgb(181,  
178, 182) }
```

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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