

Converting Colors

$Yxy(45.0469, 0.3071, 0.3201)$

Have a look what the booklet for
Yxy(45.0469, 0.3071, 0.3201)
contains.

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Color

Yxy(45.2080, 0.3071, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	B2B3B9
RGB	178, 179, 185
RGB Percent	70%, 70%, 73%
CMY	0.3020, 0.2980, 0.2745
CMYK	0.04, 0.03, 0.00, 0.27
HSL	231°, 5%, 71%
HSV	231°, 4%, 73%
XYZ	43.2369, 45.2080, 52.3461
YIQ	179.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

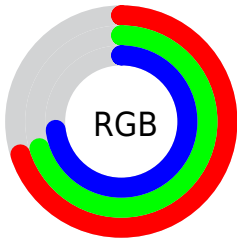
Format	Color
RYB	178, 179, 185
Decimal	11711417
CIELab	73.03, 0.80, -3.18
CIELCh	73, 3.277, 284.063
Yxy	45.2080, 0.3071, 0.3211
Android (android.graphics.Color)	4289901497 (0xFFB2B3B9)
YUV	179.3850, 2.7682, -1.2146
Hunter-Lab	67.2369, -2.8795, 0.9066

Details

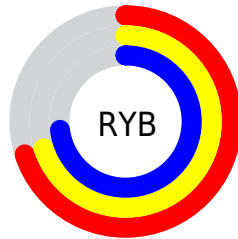
The Yxy color **45.2080, 0.3071, 0.3211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8082, 0.3183, 0.3368**, and the grayscale version is **45.2823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2600, 0.3084, 0.3229**, and **20.9476, 0.3050, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **37.1762, 0.2911, 0.2983**, and if you desaturate by 10%, it is **54.2686, 0.3214, 0.3411**.

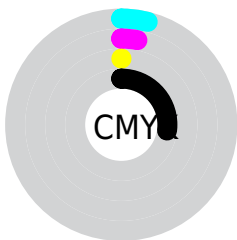
Distribution



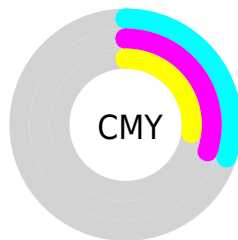
- Red (70%)
- Green (70%)
- Blue (73%)



- Red (70%)
- Yellow (70%)
- Blue (73%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (30%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2080, 0.3071, 0.3211 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 45.2080, 0.3071, 0.3211 by changing the saturation by 10% instead.

■ 45.2080, 0.3071,
0.3211

■ 45.2080, 0.3071,
0.3211

367.6153, 0.3099,
0.3251

■ 31.6213, 0.3064,
0.3201

■ 83.0325, 0.3081,
0.3225

■ 21.0724, 0.3055,
0.3188

108.0390, 0.3085,
0.3231

■ 13.1769, 0.3042,
0.3171

137.6209, 0.3088,
0.3235

■ 7.5505, 0.3025,
0.3147

172.1626, 0.3091,
0.3239

■ 3.8087, 0.2999,
0.3111

212.0485, 0.3094,
0.3243

■ 1.5671, 0.2955,
0.3050

257.6630, 0.3096,

■ 0.3353, 0.2682,

0.3246

0.2659

309.3905, 0.3098,
0.3248

0.0000, 0.0000,
0.0000

45.2080, 0.3071,
0.3211

45.2080, 0.3071,
0.3211

37.1762, 0.2911,
0.2983

54.2686, 0.3214,
0.3411

30.1311, 0.2736,
0.2727

64.3868, 0.3342,
0.3586

24.0362, 0.2547,
0.2445

75.5973, 0.3454,
0.3737

18.8505, 0.2350,
0.2143

87.9315, 0.3553,
0.3868

14.5299, 0.2151,
0.1830

96.2828, 0.3544,
0.3979

■ 11.0268, 0.1963,
0.1520

■ 8.2887, 0.1796,
0.1233

■ 6.2569, 0.1663,
0.0988

■ 4.8636, 0.1571,
0.0801

Harmonies

Analogous

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



45.2080, 0.3043, 0.3225



45.2080, 0.3071, 0.3211



45.2080, 0.3114, 0.3218

Triad

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



45.2080, 0.3071, 0.3211



45.2080, 0.3217, 0.3323



45.2080, 0.3094, 0.3337

Complementary

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



45.2080, 0.3071, 0.3211



47.8082, 0.3183, 0.3368

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.



45.2080, 0.3140, 0.3363



45.2080, 0.3071, 0.3211



45.2080, 0.3212, 0.3355

Square

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



45.2080, 0.3071, 0.3211



45.2080, 0.3198, 0.3283



45.2080, 0.3183, 0.3370



45.2080, 0.3057, 0.3297

Rectangle

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



45.2080, 0.3071, 0.3211



45.2080, 0.3145, 0.3234



45.2080, 0.3183, 0.3370



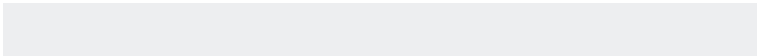
45.2080, 0.3109, 0.3347

Sweetspot

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



45.2099, 0.3071, 0.3211



85.2739, 0.3112, 0.3269



47.6220, 0.3077, 0.3304



18.4014, 0.3113, 0.3270



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.



45.2099, 0.3071, 0.3211



79.0006, 0.3051, 0.3183



45.1010, 0.3092, 0.3198



9.5913, 0.3043, 0.3172



2.9714, 0.1536, 0.0730



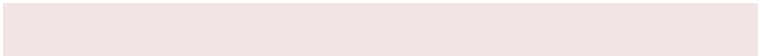
0.1715, 0.1641, 0.1109

Inverse Universe

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



45.4101, 0.3180, 0.3277



79.4844, 0.3199, 0.3273



47.9251, 0.3161, 0.3381



9.6568, 0.3207, 0.3271



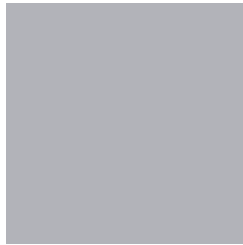
7.0823, 0.6184, 0.3180



0.2564, 0.5598, 0.2857

Previews

White Background



This preview shows how the Yxy color 45.2080, 0.3071, 0.3211 looks on a white background.

Color Contrast Check

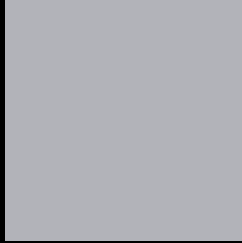
Large Text (above 18pt) WCAG AA × Fail

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 45.2080, 0.3071, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

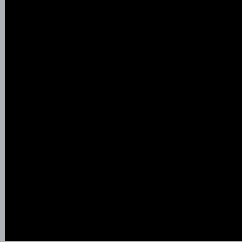
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

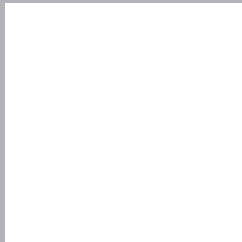
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2080, 0.3071, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 45.2080, 0.3071, 0.3211.



This preview shows how white text looks on a background with the Yxy color 45.2080, 0.3071, 0.3211.

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

45.2080, 0.3071, 0.3211

Protanopia

45.1673, 0.3097, 0.3199

Deuteranopia

45.1547, 0.3196, 0.3138



Tritanopia

45.2303, 0.3025, 0.3108

Trichromacy



Original Color

45.2080, 0.3071, 0.3211

Protanomaly

45.0469, 0.3088, 0.3198

Deuteranomaly

45.2872, 0.3151, 0.3162

Tritanomaly

45.0986, 0.3048, 0.3146

Monochromacy



Original Color

45.2080, 0.3071, 0.3211

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.1601, 0.3111, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2080, 0.3071, 0.3211 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(178, 179, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 179, 185)  
}
```

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(178, 179, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 179, 185) }
```

Border

The CSS property to change the border of an element to Yxy 45.2080, 0.3071, 0.3211 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(178, 179, 185) }
```

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

```
.border{ border-color:rgb(178, 179, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 179, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 179, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 179, 185);  
box-shadow:4px 4px 4px 4px rgb(178, 179,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2080, 0.3071, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 179, 185) }
```

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

```
.background{ background-color: rgb(178,  
179, 185) }
```

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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