

Converting Colors

$Yxy(45.7820, 0.3086, 0.3248)$

Have a look what the booklet for
Yxy(45.7820, 0.3086, 0.3248)
contains.

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Color

Yxy(45.6869, 0.3087, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	B3B4B8
RGB	179, 180, 184
RGB Percent	70%, 71%, 72%
CMY	0.2979, 0.2941, 0.2783
CMYK	0.03, 0.02, 0.00, 0.28
HSL	228°, 3%, 71%
HSV	228°, 3%, 72%
XYZ	43.5698, 45.6869, 51.8829
YIQ	180.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

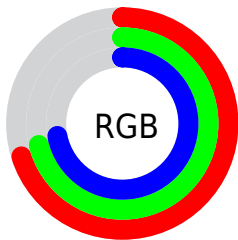
Format	Color
RYB	179, 180, 184
Decimal	11777208
CIELab	73.34, 0.43, -2.18
CIElCh	73, 2.218, 281.192
Yxy	45.6869, 0.3087, 0.3237
Android (android.graphics.Color)	4289967288 (0xFFB3B4B8)
YUV	180.1570, 1.8946, -1.0147
Hunter-Lab	67.5921, -3.2252, 1.8041

Details

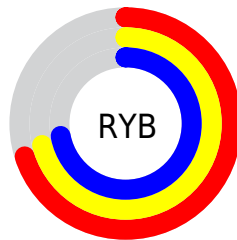
The Yxy color `45.6869, 0.3087, 0.3237` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `47.3403, 0.3167, 0.3342`, and the grayscale version is `45.7244, 0.3127, 0.3290`.

A 20% lighter version of the original color is `83.9443, 0.3096, 0.3249`, and `21.2531, 0.3072, 0.3218` is the 20% darker color. If you saturate the color by 10%, you get `37.9654, 0.2930, 0.3026`, and if you desaturate by 10%, it is `54.3466, 0.3229, 0.3423`.

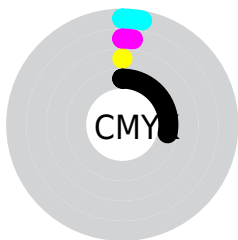
Distribution



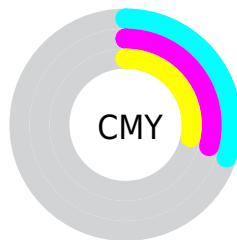
- Red (70%)
- Green (71%)
- Blue (72%)



- Red (70%)
- Yellow (71%)
- Blue (72%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (30%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.6869, 0.3087, 0.3237 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 45.6869, 0.3087, 0.3237 by changing the saturation by 10% instead.

■ 45.6869, 0.3087,
0.3237

■ 45.6869, 0.3087,
0.3237

369.5484, 0.3107,
0.3264

■ 31.9988, 0.3082,
0.3230

■ 83.7502, 0.3094,
0.3247

■ 21.3606, 0.3075,
0.3222

108.8943, 0.3097,
0.3250

■ 13.3878, 0.3067,
0.3210

138.6257, 0.3099,
0.3253

■ 7.6962, 0.3054,
0.3194

173.3290, 0.3101,
0.3256

■ 3.9011, 0.3036,
0.3170

213.3886, 0.3103,
0.3258

■ 1.6184, 0.3005,
0.3129

259.1887, 0.3105,

■ 0.3700, 0.2814,

0.3260

0.2875

311.1139, 0.3106,
0.3262

0.0000, 0.0000,
0.0000

45.6869, 0.3087,
0.3237

45.6869, 0.3087,
0.3237

37.9654, 0.2930,
0.3026

54.3466, 0.3229,
0.3423

31.1446, 0.2758,
0.2788

63.9686, 0.3357,
0.3585

25.1931, 0.2574,
0.2526

74.5838, 0.3470,
0.3727

20.0753, 0.2382,
0.2243

86.2195, 0.3571,
0.3849

15.7533, 0.2189,
0.1946

95.7321, 0.3551,
0.3981

■ 12.1861, 0.2004,
0.1648

■ 96.2418, 0.3549,
0.3988

■ 9.3288, 0.1838,
0.1364

■ 7.1317, 0.1701,
0.1110

■ 5.5378, 0.1603,
0.0904

Harmonies

Analogous

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



45.6869, 0.3070, 0.3248



45.6869, 0.3087, 0.3237



45.6869, 0.3115, 0.3241

Triad

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



45.6869, 0.3087, 0.3237



45.6869, 0.3187, 0.3310



45.6869, 0.3108, 0.3324

Complementary

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



45.6869, 0.3087, 0.3237



47.3403, 0.3167, 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.



45.6869, 0.3139, 0.3341



45.6869, 0.3087, 0.3237



45.6869, 0.3185, 0.3333

Square

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



45.6869, 0.3087, 0.3237



45.6869, 0.3173, 0.3283



45.6869, 0.3168, 0.3344



45.6869, 0.3082, 0.3298

Rectangle

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



45.6869, 0.3087, 0.3237



45.6869, 0.3136, 0.3250



45.6869, 0.3168, 0.3344



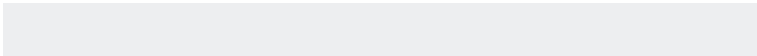
45.6869, 0.3118, 0.3331

Sweetspot

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



45.6889, 0.3087, 0.3237



85.3436, 0.3112, 0.3270



47.2985, 0.3093, 0.3303



18.4157, 0.3113, 0.3271



93.3107, 0.3127, 0.3290



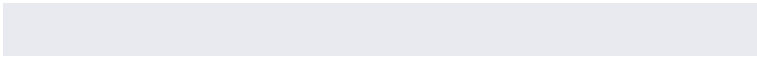
18.7317, 0.3127, 0.3290

Same Dimension

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



45.6889, 0.3087, 0.3237



82.3037, 0.3082, 0.3230



45.4793, 0.3100, 0.3225



9.9681, 0.3072, 0.3217



3.3189, 0.1557, 0.0804



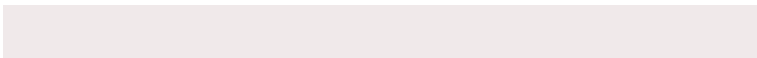
0.2019, 0.1685, 0.1264

Inverse Universe

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



45.7395, 0.3163, 0.3278



82.4078, 0.3167, 0.3276



47.5567, 0.3154, 0.3355



9.9841, 0.3176, 0.3273



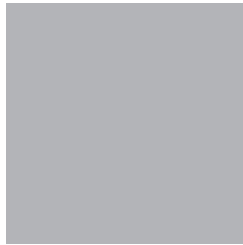
7.1174, 0.6064, 0.3114



0.2595, 0.5377, 0.2735

Previews

White Background



This preview shows how the Yxy color 45.6869, 0.3087, 0.3237 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 45.6869, 0.3087, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

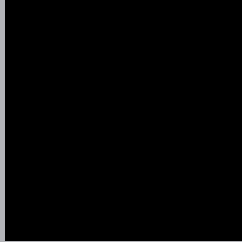
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

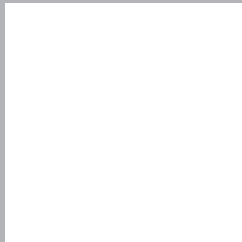
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.6869, 0.3087, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 45.6869, 0.3087, 0.3237.



This preview shows how white text looks on a background with the Yxy color 45.6869, 0.3087, 0.3237.

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

45.6869, 0.3087, 0.3237

Protanopia

45.6042, 0.3121, 0.3238

Deuteranopia

45.3770, 0.3222, 0.3151



Tritanopia

45.7938, 0.3026, 0.3109

Trichromacy



Original Color

45.6869, 0.3087, 0.3237

Protanomaly

45.4829, 0.3112, 0.3238

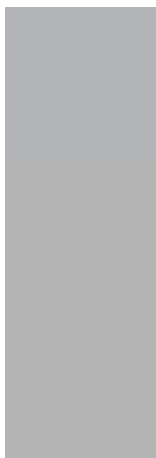
Deuteranomaly

45.3723, 0.3168, 0.3175

Tritanomaly

45.6612, 0.3049, 0.3147

Monochromacy



Original Color

45.6869, 0.3087, 0.3237

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.6820, 0.3119, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6869, 0.3087, 0.3237 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, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 180, 184)  
}
```

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, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 180, 184) }
```

Border

The CSS property to change the border of an element to Yxy 45.6869, 0.3087, 0.3237 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, 180, 184) }
```

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

```
.border{ border-color:rgb(179, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(179, 180,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6869, 0.3087, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 180, 184) }
```

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

```
.background{ background-color: rgb(179,  
180, 184) }
```

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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