

Converting Colors

Yxy(47.2163, 0.3084, 0.3298)

Have a look what the booklet for
Yxy(47.2163, 0.3084, 0.3298)
contains.

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Color

Yxy(47.1649, 0.3085, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	B2B8B7
RGB	178, 184, 183
RGB Percent	70%, 72%, 72%
CMY	0.3018, 0.2784, 0.2824
CMYK	0.03, 0.00, 0.01, 0.28
HSL	170°, 4%, 71%
HSV	170°, 3%, 72%
XYZ	44.0520, 47.1649, 51.5772
YIQ	182.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

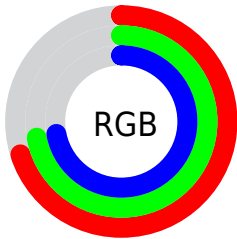
Format	Color
RYB	178, 181, 184
Decimal	11712695
CIELab	74.30, -2.26, -0.22
CIELCh	74, 2.272, 185.675
Yxy	47.1649, 0.3085, 0.3303
Android (android.graphics.Color)	4289902775 (0xFFB2B8B7)
YUV	182.0920, 0.4476, -3.5887
Hunter-Lab	68.6767, -5.6872, 3.5460

Details

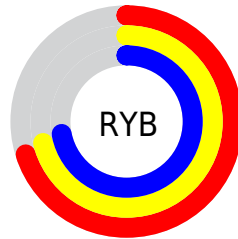
The Yxy color **47.1649, 0.3085, 0.3303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.2986, 0.3171, 0.3277**, and the grayscale version is **46.8337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0446, 0.3094, 0.3300**, and **22.2043, 0.3069, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **45.0064, 0.2958, 0.3346**, and if you desaturate by 10%, it is **49.6222, 0.3216, 0.3264**.

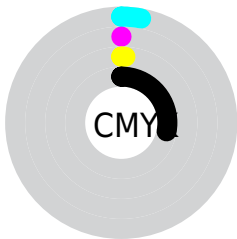
Distribution



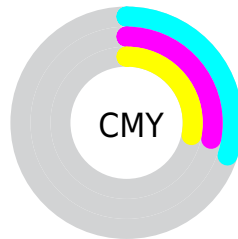
- Red (70%)
- Green (72%)
- Blue (72%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.1649, 0.3085, 0.3303 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 47.1649, 0.3085, 0.3303 by changing the saturation by 10% instead.

■ 47.1649, 0.3085,
0.3303

■ 47.1649, 0.3085,
0.3303

375.4724, 0.3106,
0.3297

■ 33.1660, 0.3080,
0.3305

■ 85.9597, 0.3093,
0.3301

■ 22.2537, 0.3073,
0.3307

111.5245, 0.3096,
0.3300

■ 14.0434, 0.3064,
0.3309

141.7133, 0.3098,
0.3299

■ 8.1509, 0.3051,
0.3313

176.9106, 0.3100,
0.3298

■ 4.1916, 0.3033,
0.3319

217.5007, 0.3102,
0.3298

■ 1.7813, 0.3002,
0.3328

263.8681, 0.3103,

■ 0.4755, 0.2822,

0.3297

0.3383

316.3972, 0.3105,
0.3297

0.0000, 0.0000,
0.0000

47.1649, 0.3085,
0.3303

47.1649, 0.3085,
0.3303

45.0064, 0.2958,
0.3346

49.6222, 0.3216,
0.3264

43.1292, 0.2838,
0.3393

52.3832, 0.3349,
0.3230

41.5228, 0.2728,
0.3443

55.4602, 0.3482,
0.3199

40.1741, 0.2630,
0.3497

58.8631, 0.3612,
0.3172

39.0688, 0.2547,
0.3553

59.6389, 0.3614,
0.3141

■ 38.1910, 0.2481,
0.3612

■ 59.7837, 0.3588,
0.3109

■ 37.5232, 0.2434,
0.3671

■ 59.9314, 0.3561,
0.3077

■ 37.0450, 0.2406,
0.3731

■ 60.0821, 0.3535,
0.3046

■ 36.7321, 0.2397,
0.3791

■ 60.2357, 0.3509,
0.3015

Harmonies

Analogous

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



47.1649, 0.3113, 0.3328



47.1649, 0.3085, 0.3303



47.1649, 0.3068, 0.3275

Triad

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



47.1649, 0.3085, 0.3303



47.1649, 0.3109, 0.3238



47.1649, 0.3188, 0.3330

Complementary

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



47.1649, 0.3085, 0.3303



45.2986, 0.3171, 0.3277

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.



47.1649, 0.3187, 0.3305



47.1649, 0.3085, 0.3303



47.1649, 0.3141, 0.3253

Square

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



47.1649, 0.3085, 0.3303



47.1649, 0.3082, 0.3237



47.1649, 0.3170, 0.3277



47.1649, 0.3172, 0.3343

Rectangle

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



47.1649, 0.3085, 0.3303



47.1649, 0.3066, 0.3258



47.1649, 0.3170, 0.3277



47.1649, 0.3189, 0.3322

Sweetspot

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



47.1669, 0.3085, 0.3303



86.4500, 0.3114, 0.3294



47.0938, 0.3133, 0.3368



18.6418, 0.3115, 0.3294



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.



47.1669, 0.3085, 0.3303



85.1634, 0.3074, 0.3306



46.4290, 0.3078, 0.3265



10.4119, 0.3067, 0.3309



25.2212, 0.2396, 0.3824



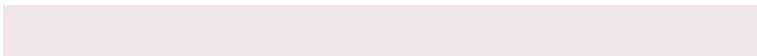
0.8961, 0.2353, 0.3671

Inverse Universe

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



45.2986, 0.3171, 0.3277



80.9394, 0.3183, 0.3274



46.0155, 0.3178, 0.3315



9.8198, 0.3191, 0.3271



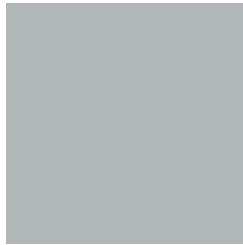
7.0985, 0.6128, 0.3149



0.2579, 0.5485, 0.2795

Previews

White Background



This preview shows how the Yxy color 47.1649, 0.3085, 0.3303 looks on a white background.

Color Contrast Check

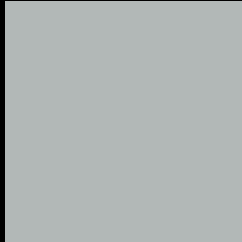
Large Text (above 18pt) WCAG AA × Fail

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 47.1649, 0.3085, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

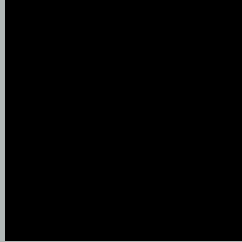
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

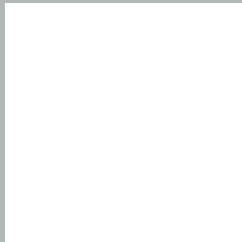
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1649, 0.3085, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 47.1649, 0.3085, 0.3303.

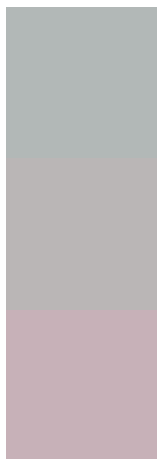


This preview shows how white text looks on a background with the Yxy color 47.1649, 0.3085, 0.3303.

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

47.1649, 0.3085, 0.3303

Protanopia

47.2724, 0.3161, 0.3290

Deuteranopia

47.0471, 0.3263, 0.3203



Tritanopia

47.1447, 0.3003, 0.3110

Trichromacy



Original Color

47.1649, 0.3085, 0.3303

Protanomaly

47.3117, 0.3135, 0.3303

Deuteranomaly

47.1796, 0.3190, 0.3239

Tritanomaly

47.2123, 0.3032, 0.3186

Monochromacy



Original Color

47.1649, 0.3085, 0.3303

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0681, 0.3118, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1649, 0.3085, 0.3303 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, 184, 183)` looks like.

```
.text, #text, p{  
    color:rgb(178, 184, 183)  
}
```

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, 184, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 184, 183) }
```

Border

The CSS property to change the border of an element to Yxy 47.1649, 0.3085, 0.3303 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, 184, 183) }
```

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

```
.border{ border-color:rgb(178, 184, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 184, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 184, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 184, 183);  
box-shadow:4px 4px 4px 4px rgb(178, 184,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1649, 0.3085, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 184, 183) }
```

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

```
.background{ background-color: rgb(178,  
184, 183) }
```

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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