

Converting Colors

$Yxy(48.8315, 0.2855, 0.3041)$

Have a look what the booklet for
Yxy(48.8315, 0.2855, 0.3041)
contains.

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Color

Yxy(48.7036, 0.2854, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	ABBBCF
RGB	171, 187, 207
RGB Percent	67%, 73%, 81%
CMY	0.3297, 0.2666, 0.1883
CMYK	0.17, 0.10, 0.00, 0.19
HSL	213°, 27%, 74%
HSV	213°, 17%, 81%
XYZ	45.8141, 48.7036, 66.0083
YIQ	184.4960, -15.9560, 2.8280

Conversions

Conversions Part 2

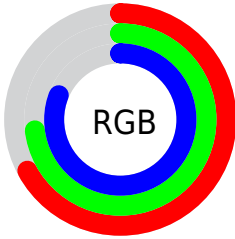
Format	Color
RYB	171, 182, 207
Decimal	11254735
CIELab	75.27, -1.36, -11.91
CIELCh	75, 11.989, 263.504
Yxy	48.7036, 0.2854, 0.3034
Android (android.graphics.Color)	4289444815 (0xFFABBBCF)
YUV	184.4960, 11.0945, -11.8360
Hunter-Lab	69.7880, -4.9480, -7.2273

Details

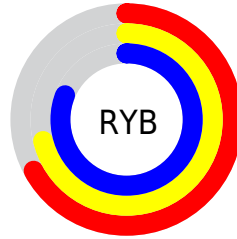
The Yxy color **48.7036, 0.2854, 0.3034** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4148, 0.3419, 0.3533**, and the grayscale version is **48.1601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6521, 0.2956, 0.3168**, and **23.2017, 0.2773, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **41.8912, 0.2689, 0.2864**, and if you desaturate by 10%, it is **56.2720, 0.3014, 0.3187**.

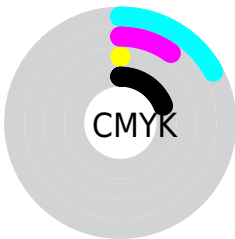
Distribution



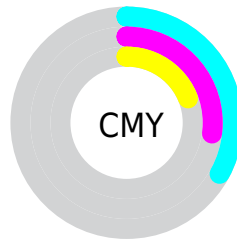
- Red (67%)
- Green (73%)
- Blue (81%)



- Red (67%)
- Yellow (71%)
- Blue (81%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (33%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7036, 0.2854, 0.3034 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 48.7036, 0.2854, 0.3034 by changing the saturation by 10% instead.

■ 48.7036, 0.2854,
0.3034

■ 48.7036, 0.2854,
0.3034

■ 381.5743, 0.2989,
0.3161

■ 34.3844, 0.2821,
0.3003

■ 88.2511, 0.2903,
0.3080

■ 23.1891, 0.2779,
0.2963

■ 114.2482, 0.2921,
0.3097

■ 14.7332, 0.2724,
0.2910

■ 144.9067, 0.2936,
0.3112

■ 8.6323, 0.2648,
0.2838

■ 180.6110, 0.2950,
0.3124

■ 4.5022, 0.2537,
0.2731

■ 221.7455, 0.2961,
0.3135

■ 1.9582, 0.2362,
0.2562

■ 268.6946, 0.2972,

■ 0.5830, 0.1956,

0.3145

0.2188

321.8428, 0.2981,
0.3153

0.0000, 0.0000,
0.0000

48.7036, 0.2854,
0.3034

48.7036, 0.2854,
0.3034

41.8912, 0.2689,
0.2864

56.2720, 0.3014,
0.3187

35.8027, 0.2521,
0.2679

64.6147, 0.3165,
0.3324

30.4127, 0.2354,
0.2479

73.7572, 0.3308,
0.3445

25.6916, 0.2195,
0.2269

83.7216, 0.3441,
0.3551

21.6071, 0.2048,
0.2054

90.6577, 0.3430,
0.3661

■ 18.1237, 0.1920,
0.1838

■ 97.2843, 0.3412,
0.3761

■ 15.2012, 0.1816,
0.1631

■ 12.7874, 0.1738,
0.1438

■ 12.2281, 0.1720,
0.1391

Harmonies

Analogous

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



48.7036, 0.2811, 0.3124



48.7036, 0.2854, 0.3034



48.7036, 0.2969, 0.3013

Triad

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



48.7036, 0.2854, 0.3034



48.7036, 0.3413, 0.3306



48.7036, 0.3118, 0.3534

Complementary

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



48.7036, 0.2854, 0.3034



53.4148, 0.3419, 0.3533

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.



48.7036, 0.3281, 0.3581



48.7036, 0.2854, 0.3034



48.7036, 0.3454, 0.3444

Square

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



48.7036, 0.2854, 0.3034



48.7036, 0.3293, 0.3168



48.7036, 0.3405, 0.3546



48.7036, 0.2960, 0.3416

Rectangle

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



48.7036, 0.2854, 0.3034



48.7036, 0.3074, 0.3039



48.7036, 0.3405, 0.3546



48.7036, 0.3174, 0.3559

Sweetspot

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



48.7056, 0.2854, 0.3034



93.2404, 0.3050, 0.3221



57.0202, 0.2972, 0.3496



19.7595, 0.3039, 0.3211



0.0000, 0.0000, 0.0000



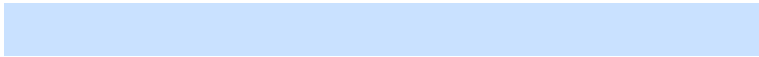
21.4041, 0.3127, 0.3290

Same Dimension

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



48.7056, 0.2854, 0.3034



73.7425, 0.2791, 0.2971



42.4569, 0.2858, 0.2823



12.2741, 0.2982, 0.3158



7.8881, 0.1727, 0.1416



0.5983, 0.1826, 0.1771

Inverse Universe

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



45.9513, 0.3316, 0.3094



68.6990, 0.3367, 0.3049



60.5621, 0.3372, 0.3722



11.8947, 0.3222, 0.3187



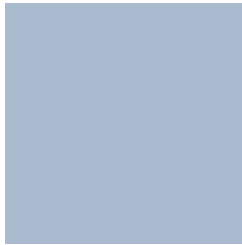
8.8676, 0.5170, 0.2622



0.5117, 0.4720, 0.2374

Previews

White Background



This preview shows how the Yxy color 48.7036, 0.2854, 0.3034 looks on a white background.

Color Contrast Check

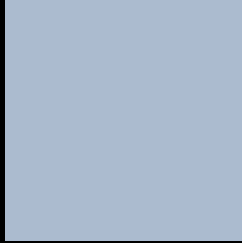
Large Text (above 18pt) WCAG AA × Fail

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 48.7036, 0.2854, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

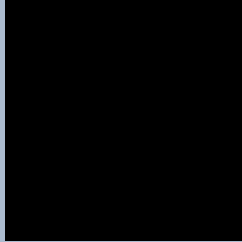
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

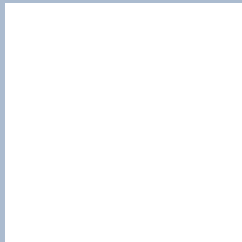
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7036, 0.2854, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 48.7036, 0.2854, 0.3034.



This preview shows how white text looks on a background with the Yxy color 48.7036, 0.2854, 0.3034.

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

48.7036, 0.2854, 0.3034

Protanopia

48.7560, 0.2960, 0.3026

Deuteranopia

48.4031, 0.3010, 0.2947



Tritanopia

48.8243, 0.2875, 0.3096

Trichromacy



Original Color

48.7036, 0.2854, 0.3034

Protanomaly

48.7379, 0.2922, 0.3025

Deuteranomaly

48.6114, 0.2946, 0.2978

Tritanomaly

48.8721, 0.2868, 0.3083

Monochromacy



Original Color

48.7036, 0.2854, 0.3034

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.0874, 0.3024, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7036, 0.2854, 0.3034 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(171, 187, 207)` looks like.

```
.text, #text, p{  
    color:rgb(171, 187, 207)  
}
```

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(171, 187, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 187, 207) }
```

Border

The CSS property to change the border of an element to Yxy 48.7036, 0.2854, 0.3034 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(171, 187, 207) }
```

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

```
.border{ border-color:rgb(171, 187, 207) }
```

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

Here you see how a box with a 4 pixel rgb(171, 187, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 187, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 187, 207);  
box-shadow:4px 4px 4px 4px rgb(171, 187,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7036, 0.2854, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 187, 207) }
```

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

```
.background{ background-color: rgb(171,  
187, 207) }
```

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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