

Converting Colors

$Yxy(44.7737, 0.3052, 0.3230)$

Have a look what the booklet for
Yxy(44.7737, 0.3052, 0.3230)
contains.

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Color

Yxy(44.6996, 0.3045, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	AEB3B8
RGB	174, 179, 184
RGB Percent	68%, 70%, 72%
CMY	0.3176, 0.2980, 0.2784
CMYK	0.05, 0.03, 0.00, 0.28
HSL	210°, 7%, 70%
HSV	210°, 5%, 72%
XYZ	42.2309, 44.6996, 51.7589
YIQ	178.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

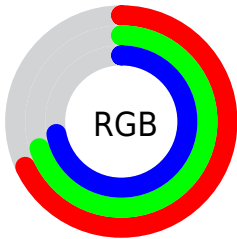
Format	Color
RYB	174, 177, 184
Decimal	11449272
CIELab	72.69, -0.77, -3.17
CIELCh	73, 3.260, 256.419
Yxy	44.6996, 0.3045, 0.3223
Android (android.graphics.Color)	4289639352 (0xFFAEB3B8)
YUV	178.0750, 2.9210, -3.5738
Hunter-Lab	66.8578, -4.2510, 0.9002

Details

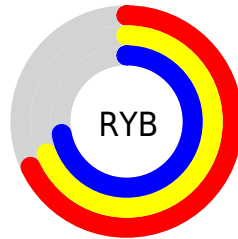
The Yxy color **44.6996, 0.3045, 0.3223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5028, 0.3211, 0.3356**, and the grayscale version is **44.5510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3659, 0.3057, 0.3238**, and **20.6980, 0.3026, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **39.1526, 0.2889, 0.3089**, and if you desaturate by 10%, it is **50.7878, 0.3194, 0.3343**.

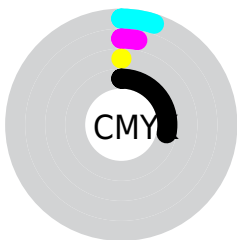
Distribution



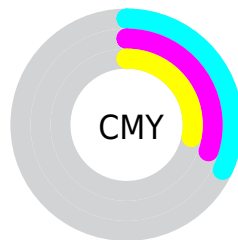
- Red (68%)
- Green (70%)
- Blue (72%)



- Red (68%)
- Yellow (69%)
- Blue (72%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (32%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6996, 0.3045, 0.3223 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 44.6996, 0.3045, 0.3223 by changing the saturation by 10% instead.

■ 44.6996, 0.3045,
0.3223

■ 44.6996, 0.3045,
0.3223

365.5556, 0.3086,
0.3257

■ 31.2209, 0.3035,
0.3214

■ 82.2694, 0.3060,
0.3235

■ 20.7671, 0.3021,
0.3203

107.1294, 0.3066,
0.3240

■ 12.9539, 0.3003,
0.3189

136.5518, 0.3071,
0.3244

■ 7.3968, 0.2978,
0.3168

170.9211, 0.3075,
0.3247

■ 3.7115, 0.2940,
0.3136

210.6218, 0.3078,
0.3250

■ 1.5135, 0.2875,
0.3082

256.0382, 0.3081,

■ 0.2982, 0.2387,

0.3253

0.2689

307.5546, 0.3084,
0.3255

0.0000, 0.0000,
0.0000

44.6996, 0.3045,
0.3223

44.6996, 0.3045,
0.3223

39.1526, 0.2889,
0.3089

50.7878, 0.3194,
0.3343

34.1246, 0.2728,
0.2940

57.4272, 0.3336,
0.3450

29.6000, 0.2566,
0.2777

64.6346, 0.3469,
0.3543

25.5603, 0.2406,
0.2602

72.4246, 0.3593,
0.3626

21.9855, 0.2252,
0.2416

78.6599, 0.3625,
0.3710

■ 18.8540, 0.2111,
0.2223

■ 83.7925, 0.3601,
0.3799

■ 16.1421, 0.1986,
0.2028

■ 89.1992, 0.3578,
0.3885

■ 13.8228, 0.1882,
0.1836

■ 94.8842, 0.3555,
0.3969

■ 11.8639, 0.1802,
0.1653

■ 96.2415, 0.3549,
0.3988

Harmonies

Analogous

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



44.6996, 0.3038, 0.3253



44.6996, 0.3045, 0.3223



44.6996, 0.3074, 0.3211

Triad

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



44.6996, 0.3045, 0.3223



44.6996, 0.3200, 0.3286



44.6996, 0.3137, 0.3362

Complementary

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



44.6996, 0.3045, 0.3223



45.5028, 0.3211, 0.3356

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.



44.6996, 0.3180, 0.3370



44.6996, 0.3045, 0.3223



44.6996, 0.3217, 0.3326

Square

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



44.6996, 0.3045, 0.3223



44.6996, 0.3164, 0.3247



44.6996, 0.3210, 0.3357



44.6996, 0.3091, 0.3334

Rectangle

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



44.6996, 0.3045, 0.3223



44.6996, 0.3102, 0.3215



44.6996, 0.3210, 0.3357



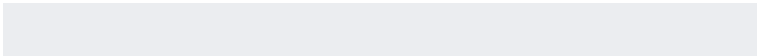
44.6996, 0.3152, 0.3367

Sweetspot

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



44.7015, 0.3045, 0.3223



84.6588, 0.3097, 0.3265



46.5442, 0.3082, 0.3356



18.2757, 0.3098, 0.3267



93.3107, 0.3127, 0.3290



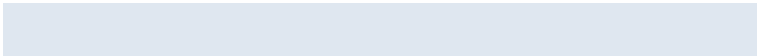
18.7317, 0.3127, 0.3290

Same Dimension

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



44.7015, 0.3045, 0.3223



79.2584, 0.3019, 0.3201



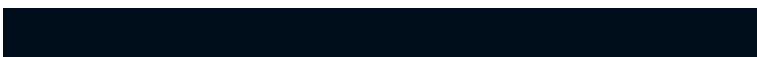
42.7393, 0.3046, 0.3156



9.6735, 0.3014, 0.3197



7.7639, 0.1776, 0.1594



0.3975, 0.1907, 0.2067

Inverse Universe

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



43.7248, 0.3175, 0.3225



76.9914, 0.3191, 0.3204



47.5378, 0.3206, 0.3421



9.3832, 0.3194, 0.3200



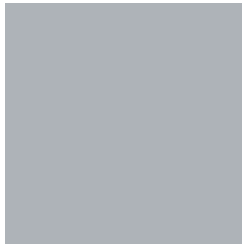
7.5661, 0.4939, 0.2494



0.2792, 0.4378, 0.2185

Previews

White Background



This preview shows how the Yxy color 44.6996, 0.3045, 0.3223 looks on a white background.

Color Contrast Check

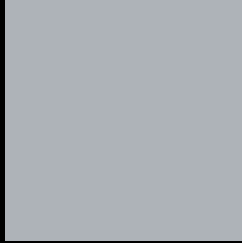
Large Text (above 18pt) WCAG AA × Fail

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 44.6996, 0.3045, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

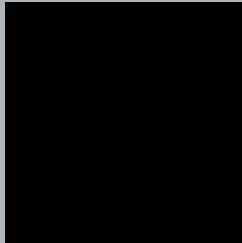
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

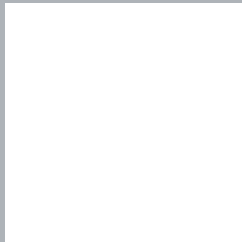
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6996, 0.3045, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 44.6996, 0.3045, 0.3223.



This preview shows how white text looks on a background with the Yxy color 44.6996, 0.3045, 0.3223.

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

44.6996, 0.3045, 0.3223

Protanopia

44.5665, 0.3105, 0.3211

Deuteranopia

44.5964, 0.3197, 0.3137



Tritanopia

44.7605, 0.2992, 0.3106

Trichromacy



Original Color

44.6996, 0.3045, 0.3223

Protanomaly

44.7247, 0.3087, 0.3224

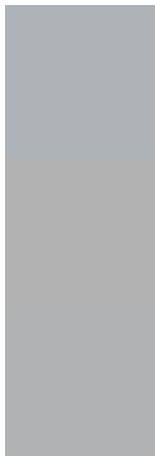
Deuteranomaly

44.4770, 0.3133, 0.3160

Tritanomaly

44.6289, 0.3015, 0.3145

Monochromacy



Original Color

44.6996, 0.3045, 0.3223

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4832, 0.3102, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6996, 0.3045, 0.3223 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(174, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(174, 179, 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(174, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 179, 184) }
```

Border

The CSS property to change the border of an element to Yxy 44.6996, 0.3045, 0.3223 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(174, 179, 184) }
```

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

```
.border{ border-color:rgb(174, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(174, 179,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6996, 0.3045, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 179, 184) }
```

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

```
.background{ background-color: rgb(174,  
179, 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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