

Converting Colors

$Yxy(43.7340, 0.3087, 0.3264)$

Have a look what the booklet for
Yxy(43.7340, 0.3087, 0.3264)
contains.

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Color

Yxy(43.6976, 0.3085, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	AEB1B3
RGB	174, 177, 179
RGB Percent	68%, 69%, 70%
CMY	0.3177, 0.3059, 0.2980
CMYK	0.03, 0.01, 0.00, 0.30
HSL	204°, 3%, 69%
HSV	204°, 3%, 70%
XYZ	41.3139, 43.6976, 48.9070
YIQ	176.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

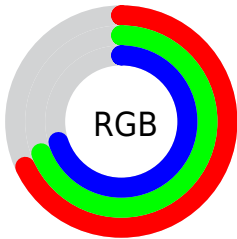
Format	Color
RYB	174, 176, 179
Decimal	11448755
CIELab	72.03, -0.67, -1.40
CIELCh	72, 1.551, 244.430
Yxy	43.6976, 0.3085, 0.3263
Android (android.graphics.Color)	4289638835 (0xFFFAEB1B3)
YUV	176.3310, 1.3158, -2.0443
Hunter-Lab	66.1042, -4.1232, 2.4073

Details

The Yxy color **43.6976, 0.3085, 0.3263** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.6894, 0.3170, 0.3317**, and the grayscale version is **43.5924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9340, 0.3088, 0.3269**, and **20.0592, 0.3081, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **39.0285, 0.2932, 0.3160**, and if you desaturate by 10%, it is **48.7924, 0.3234, 0.3356**.

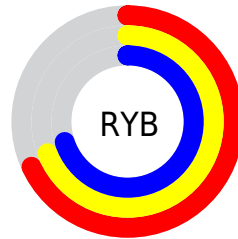
Distribution



Red (68%)

Green (69%)

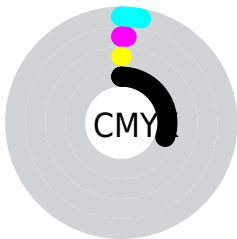
Blue (70%)



Red (68%)

Yellow (69%)

Blue (70%)

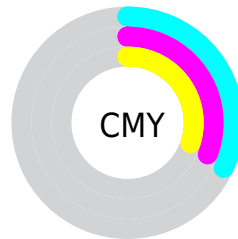


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (30%)



Cyan (32%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6976, 0.3085, 0.3263 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 43.6976, 0.3085, 0.3263 by changing the saturation by 10% instead.

■ 43.6976, 0.3085,
0.3263

■ 43.6976, 0.3085,
0.3263

361.4728, 0.3106,
0.3277

■ 30.4328, 0.3080,
0.3259

■ 80.7625, 0.3093,
0.3268

■ 20.1674, 0.3073,
0.3255

105.3315, 0.3096,
0.3270

■ 12.5168, 0.3063,
0.3249

134.4373, 0.3098,
0.3272

■ 7.0966, 0.3050,
0.3240

168.4643, 0.3100,
0.3273

■ 3.5226, 0.3030,
0.3227

207.7970, 0.3102,
0.3274

■ 1.4103, 0.2995,
0.3204

252.8197, 0.3104,

■ 0.2243, 0.2579,

0.3275

0.2939

303.9169, 0.3105,
0.3276

0.0000, 0.0000,
0.0000

43.6976, 0.3085,
0.3263

43.6976, 0.3085,
0.3263

39.0285, 0.2932,
0.3160

48.7924, 0.3234,
0.3356

34.7664, 0.2777,
0.3046

54.3195, 0.3377,
0.3438

30.8995, 0.2622,
0.2921

60.2927, 0.3513,
0.3511

27.4130, 0.2471,
0.2786

66.7232, 0.3642,
0.3575

24.2913, 0.2329,
0.2643

71.9741, 0.3697,
0.3639

■ 21.5173, 0.2198,
0.2494

■ 75.6438, 0.3676,
0.3710

■ 19.0719, 0.2083,
0.2341

■ 79.4738, 0.3655,
0.3780

■ 16.9339, 0.1988,
0.2187

■ 83.4662, 0.3635,
0.3848

■ 15.0781, 0.1913,
0.2036

■ 87.6228, 0.3615,
0.3914

Harmonies

Analogous

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



43.6976, 0.3086, 0.3280



43.6976, 0.3085, 0.3263



43.6976, 0.3095, 0.3253

Triad

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



43.6976, 0.3085, 0.3263



43.6976, 0.3156, 0.3280



43.6976, 0.3141, 0.3327

Complementary

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



43.6976, 0.3085, 0.3263



43.6894, 0.3170, 0.3317

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.



43.6976, 0.3159, 0.3327



43.6976, 0.3085, 0.3263



43.6976, 0.3169, 0.3300

Square

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



43.6976, 0.3085, 0.3263



43.6976, 0.3136, 0.3263



43.6976, 0.3170, 0.3317



43.6976, 0.3118, 0.3317

Rectangle

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



43.6976, 0.3085, 0.3263



43.6976, 0.3107, 0.3252



43.6976, 0.3170, 0.3317



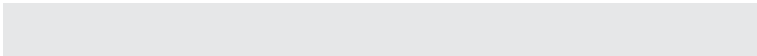
43.6976, 0.3148, 0.3328

Sweetspot

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



43.6995, 0.3085, 0.3263



79.8283, 0.3112, 0.3280



44.3719, 0.3109, 0.3331



17.6965, 0.3113, 0.3281



91.1408, 0.3127, 0.3290



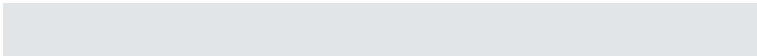
17.8868, 0.3127, 0.3290

Same Dimension

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



43.6995, 0.3085, 0.3263



78.0392, 0.3081, 0.3261



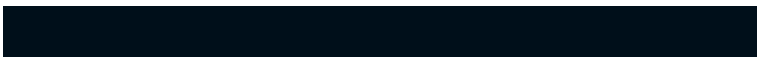
42.7500, 0.3086, 0.3230



9.6394, 0.3071, 0.3254



9.9384, 0.1874, 0.1946



0.4231, 0.1990, 0.2363

Inverse Universe

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



43.0295, 0.3147, 0.3250



76.7347, 0.3149, 0.3246



44.6488, 0.3168, 0.3349



9.4425, 0.3154, 0.3237



7.5434, 0.4514, 0.2260



0.2485, 0.4061, 0.2011

Previews

White Background



This preview shows how the Yxy color 43.6976, 0.3085, 0.3263 looks on a white background.

Color Contrast Check

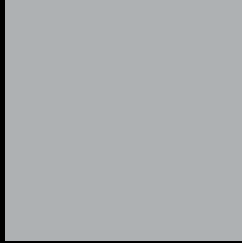
Large Text (above 18pt) WCAG AA × Fail

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 43.6976, 0.3085, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

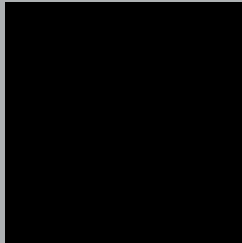
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

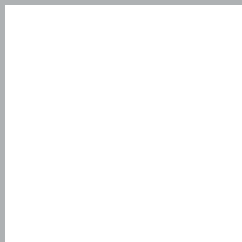
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6976, 0.3085, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 43.6976, 0.3085, 0.3263.



This preview shows how white text looks on a background with the Yxy color 43.6976, 0.3085, 0.3263.

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

43.6976, 0.3085, 0.3263

Protanopia

43.8487, 0.3137, 0.3263

Deuteranopia

43.6276, 0.3241, 0.3175



Tritanopia

43.5642, 0.3023, 0.3105

Trichromacy



Original Color

43.6976, 0.3085, 0.3263

Protanomaly

43.6121, 0.3120, 0.3263

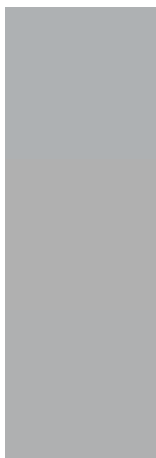
Deuteranomaly

43.4967, 0.3176, 0.3199

Tritanomaly

43.6674, 0.3046, 0.3170

Monochromacy



Original Color

43.6976, 0.3085, 0.3263

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.3390, 0.3110, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6976, 0.3085, 0.3263 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, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(174, 177, 179)  
}
```

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, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 177, 179) }
```

Border

The CSS property to change the border of an element to Yxy 43.6976, 0.3085, 0.3263 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, 177, 179) }
```

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

```
.border{ border-color:rgb(174, 177, 179) }
```

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

Here you see how a box with a 4 pixel rgb(174, 177, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(174, 177,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6976, 0.3085, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 177, 179) }
```

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

```
.background{ background-color: rgb(174,  
177, 179) }
```

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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