

Converting Colors

$Y_{xy}(44.4389, 0.3030, 0.3274)$

Have a look what the booklet for
Yxy(44.4389, 0.3030, 0.3274)
contains.

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Color

Yxy(44.5248, 0.3035, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	AAB4B5
RGB	170, 180, 181
RGB Percent	67%, 71%, 71%
CMY	0.3331, 0.2942, 0.2902
CMYK	0.06, 0.01, 0.00, 0.29
HSL	186°, 7%, 69%
HSV	186°, 6%, 71%
XYZ	41.2493, 44.5248, 50.1380
YIQ	177.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

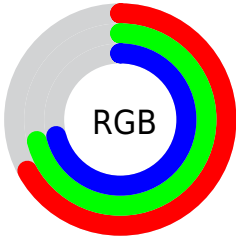
Format	Color
RYB	170, 175, 181
Decimal	11187381
CIELab	72.58, -3.25, -1.72
CIELCh	73, 3.674, 207.941
Yxy	44.5248, 0.3035, 0.3276
Android (android.graphics.Color)	4289377461 (0xFFAAB4B5)
YUV	177.1240, 1.9109, -6.2477
Hunter-Lab	66.7269, -6.4267, 2.1589

Details

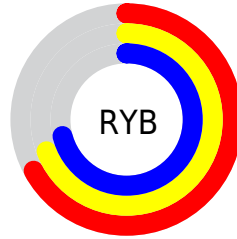
The Yxy color **44.5248, 0.3035, 0.3276** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8848, 0.3226, 0.3304**, and the grayscale version is **44.0329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1129, 0.3049, 0.3279**, and **20.5888, 0.3012, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **41.9701, 0.2887, 0.3251**, and if you desaturate by 10%, it is **47.3694, 0.3188, 0.3299**.

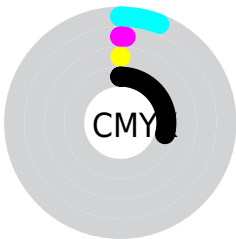
Distribution



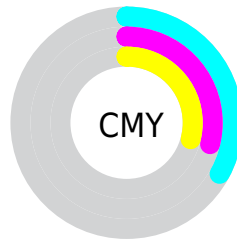
- Red (67%)
- Green (71%)
- Blue (71%)



- Red (67%)
- Yellow (69%)
- Blue (71%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5248, 0.3035, 0.3276 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 44.5248, 0.3035, 0.3276 by changing the saturation by 10% instead.

■ 44.5248, 0.3035,
0.3276

■ 44.5248, 0.3035,
0.3276

364.8456, 0.3081,
0.3283

■ 31.0833, 0.3023,
0.3274

■ 82.0069, 0.3052,
0.3279

■ 20.6623, 0.3008,
0.3272

106.8162, 0.3058,
0.3280

■ 12.8774, 0.2988,
0.3268

136.1836, 0.3064,
0.3281

■ 7.3442, 0.2960,
0.3263

170.4935, 0.3068,
0.3281

■ 3.6783, 0.2917,
0.3256

210.1302, 0.3072,
0.3282

■ 1.4953, 0.2844,
0.3242

255.4782, 0.3076,

■ 0.2854, 0.2114,

0.3282

0.3141

306.9219, 0.3079,
0.3283

0.0000, 0.0000,
0.0000

44.5248, 0.3035,
0.3276

44.5248, 0.3035,
0.3276

41.9701, 0.2887,
0.3251

47.3694, 0.3188,
0.3299

39.6881, 0.2746,
0.3224

50.5087, 0.3343,
0.3319

37.6689, 0.2616,
0.3196

53.9549, 0.3498,
0.3338

35.8993, 0.2499,
0.3166

57.7174, 0.3651,
0.3354

34.3652, 0.2398,
0.3135

60.7349, 0.3753,
0.3369

■ 33.0510, 0.2314,
0.3103

■ 61.4602, 0.3748,
0.3387

■ 31.9392, 0.2250,
0.3072

■ 62.1939, 0.3743,
0.3404

■ 31.0094, 0.2204,
0.3040

■ 62.9361, 0.3738,
0.3422

■ 30.2352, 0.2175,
0.3009

■ 63.6868, 0.3733,
0.3439

Harmonies

Analogous

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



44.5248, 0.3068, 0.3323



44.5248, 0.3035, 0.3276



44.5248, 0.3026, 0.3233

Triad

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



44.5248, 0.3035, 0.3276



44.5248, 0.3137, 0.3221



44.5248, 0.3210, 0.3374

Complementary

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



44.5248, 0.3035, 0.3276



41.8848, 0.3226, 0.3304

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.



44.5248, 0.3229, 0.3346



44.5248, 0.3035, 0.3276



44.5248, 0.3186, 0.3258

Square

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



44.5248, 0.3035, 0.3276



44.5248, 0.3085, 0.3202



44.5248, 0.3220, 0.3303



44.5248, 0.3169, 0.3380

Rectangle

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



44.5248, 0.3035, 0.3276



44.5248, 0.3036, 0.3213



44.5248, 0.3220, 0.3303



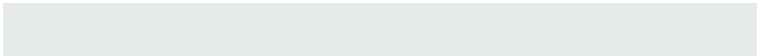
44.5248, 0.3220, 0.3367

Sweetspot

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



44.5267, 0.3035, 0.3276



81.7218, 0.3096, 0.3285



44.5419, 0.3113, 0.3427



17.6748, 0.3098, 0.3286



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.



44.5267, 0.3035, 0.3276



79.2272, 0.3019, 0.3273



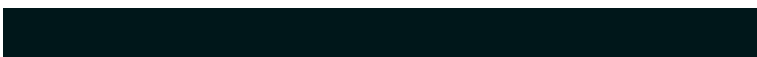
42.4021, 0.3036, 0.3203



9.6003, 0.3014, 0.3273



20.6997, 0.2167, 0.3000



0.6903, 0.2191, 0.3087

Inverse Universe

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



41.8917, 0.3143, 0.3158



73.7167, 0.3145, 0.3135



43.9545, 0.3220, 0.3375



8.9018, 0.3146, 0.3127



8.6298, 0.3454, 0.1676



0.2755, 0.3378, 0.1634

Previews

White Background



This preview shows how the Yxy color 44.5248, 0.3035, 0.3276 looks on a white background.

Color Contrast Check

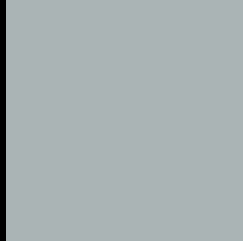
Large Text (above 18pt) WCAG AA × Fail

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 44.5248, 0.3035, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

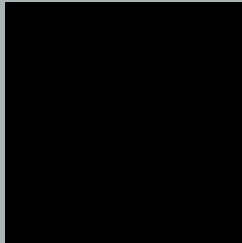
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

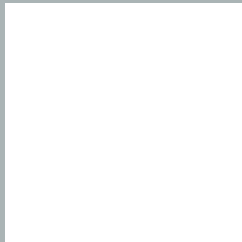
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5248, 0.3035, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 44.5248, 0.3035, 0.3276.



This preview shows how white text looks on a background with the Yxy color 44.5248, 0.3035, 0.3276.

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

44.5248, 0.3035, 0.3276

Protanopia

44.4023, 0.3137, 0.3264

Deuteranopia

44.2614, 0.3223, 0.3150



Tritanopia

44.4172, 0.2967, 0.3105

Trichromacy



Original Color

44.5248, 0.3035, 0.3276

Protanomaly

44.3662, 0.3094, 0.3263

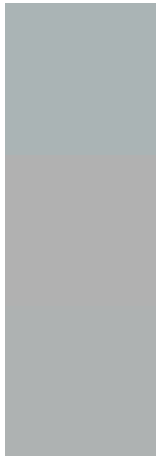
Deuteranomaly

44.3516, 0.3158, 0.3199

Tritanomaly

44.5290, 0.2989, 0.3170

Monochromacy



Original Color

44.5248, 0.3035, 0.3276

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0538, 0.3093, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5248, 0.3035, 0.3276 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(170, 180, 181)` looks like.

```
.text, #text, p{  
    color:rgb(170, 180, 181)  
}
```

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(170, 180, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 180, 181) }
```

Border

The CSS property to change the border of an element to Yxy 44.5248, 0.3035, 0.3276 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(170, 180, 181) }
```

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

```
.border{ border-color:rgb(170, 180, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 180, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 180, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 180, 181);  
box-shadow:4px 4px 4px 4px rgb(170, 180,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5248, 0.3035, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 180, 181) }
```

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

```
.background{ background-color: rgb(170,  
180, 181) }
```

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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