

Converting Colors

$Yxy(46.0809, 0.3032, 0.3269)$

Have a look what the booklet for
Yxy(46.0809, 0.3032, 0.3269)
contains.

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Color

Yxy(46.2119, 0.3036, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	ADB7B8
RGB	173, 183, 184
RGB Percent	68%, 72%, 72%
CMY	0.3214, 0.2824, 0.2783
CMYK	0.06, 0.01, 0.00, 0.28
HSL	186°, 7%, 70%
HSV	186°, 6%, 72%
XYZ	42.8264, 46.2119, 52.0237
YIQ	180.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

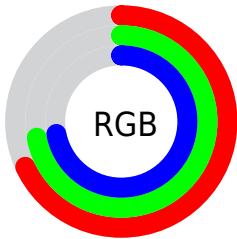
Format	Color
R_{YB}	173, 178, 184
Decimal	11384760
CIE Lab	73.68, -3.24, -1.73
CIE LCh	74, 3.676, 208.054
Yxy	46.2119, 0.3036, 0.3276
Android (android.graphics.Color)	4289574840 (0xFFADB7B8)
YUV	180.1240, 1.9109, -6.2477
Hunter-Lab	67.9793, -6.5103, 2.2117

Details

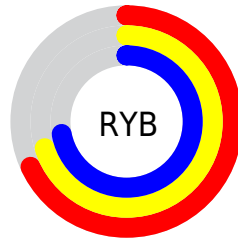
The Yxy color **46.2119, 0.3036, 0.3276** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5108, 0.3225, 0.3304**, and the grayscale version is **45.7083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5183, 0.3049, 0.3279**, and **21.6689, 0.3014, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **43.5482, 0.2887, 0.3251**, and if you desaturate by 10%, it is **49.1772, 0.3189, 0.3299**.

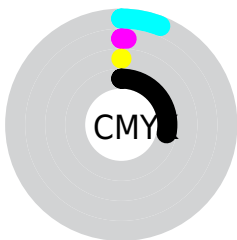
Distribution



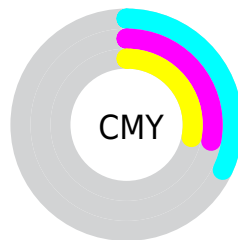
- Red (68%)
- Green (72%)
- Blue (72%)



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



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2119, 0.3036, 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 46.2119, 0.3036, 0.3276 by changing the saturation by 10% instead.

■ 46.2119, 0.3036,
0.3276

■ 46.2119, 0.3036,
0.3276

371.6599, 0.3082,
0.3283

■ 32.4131, 0.3025,
0.3274

■ 84.5360, 0.3053,
0.3279

■ 21.6772, 0.3010,
0.3272

109.8301, 0.3059,
0.3280

■ 13.6199, 0.2990,
0.3268

139.7248, 0.3064,
0.3281

■ 7.8568, 0.2963,
0.3264

174.6043, 0.3069,
0.3281

■ 4.0034, 0.2922,
0.3256

214.8532, 0.3072,
0.3282

■ 1.6755, 0.2854,
0.3244

260.8559, 0.3076,

■ 0.4077, 0.2407,

0.3282

0.3183

312.9966, 0.3079,
0.3283

0.0000, 0.0000,
0.0000

46.2119, 0.3036,
0.3276

46.2119, 0.3036,
0.3276

43.5482, 0.2887,
0.3251

49.1772, 0.3189,
0.3299

41.1686, 0.2746,
0.3224

52.4495, 0.3345,
0.3320

39.0624, 0.2616,
0.3195

56.0411, 0.3500,
0.3338

37.2161, 0.2499,
0.3165

59.9620, 0.3652,
0.3355

35.6150, 0.2397,
0.3133

62.2661, 0.3718,
0.3371

■ 34.2428, 0.2314,
0.3101

■ 63.0289, 0.3713,
0.3389

■ 33.0812, 0.2249,
0.3069

■ 63.8006, 0.3708,
0.3407

■ 32.1091, 0.2203,
0.3037

■ 64.5813, 0.3703,
0.3425

■ 31.2992, 0.2174,
0.3005

■ 65.3711, 0.3698,
0.3443

Harmonies

Analogous

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



46.2119, 0.3069, 0.3322



46.2119, 0.3036, 0.3276



46.2119, 0.3028, 0.3234

Triad

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



46.2119, 0.3036, 0.3276



46.2119, 0.3137, 0.3222



46.2119, 0.3209, 0.3373

Complementary

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



46.2119, 0.3036, 0.3276



43.5108, 0.3225, 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.



46.2119, 0.3228, 0.3345



46.2119, 0.3036, 0.3276



46.2119, 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.



46.2119, 0.3036, 0.3276



46.2119, 0.3085, 0.3203



46.2119, 0.3219, 0.3303



46.2119, 0.3169, 0.3379

Rectangle

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



46.2119, 0.3036, 0.3276



46.2119, 0.3037, 0.3214



46.2119, 0.3219, 0.3303



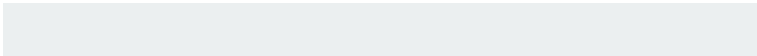
46.2119, 0.3218, 0.3366

Sweetspot

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



46.2139, 0.3036, 0.3276



85.7986, 0.3096, 0.3285



46.2342, 0.3113, 0.3425



18.5086, 0.3098, 0.3286



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.



46.2139, 0.3036, 0.3276



83.1689, 0.3019, 0.3273



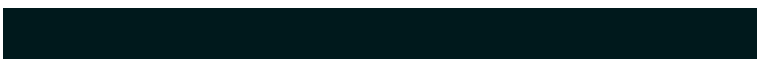
44.0377, 0.3037, 0.3204



10.1760, 0.3013, 0.3272



21.4112, 0.2166, 0.2996



0.7971, 0.2188, 0.3078

Inverse Universe

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



43.5128, 0.3142, 0.3160



77.3862, 0.3145, 0.3135



45.6316, 0.3219, 0.3374



9.4339, 0.3146, 0.3127



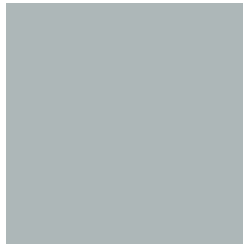
8.9438, 0.3457, 0.1678



0.3196, 0.3386, 0.1639

Previews

White Background



This preview shows how the Yxy color 46.2119, 0.3036, 0.3276 looks on a white background.

Color Contrast Check

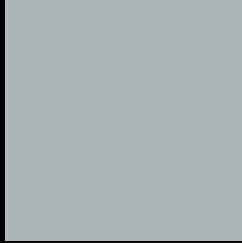
Large Text (above 18pt) WCAG AA × Fail

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 46.2119, 0.3036, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

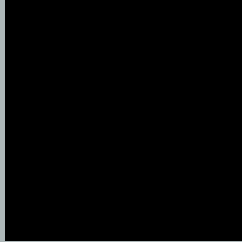
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

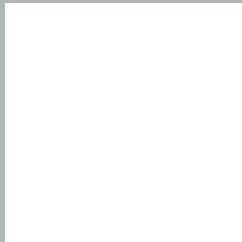
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2119, 0.3036, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 46.2119, 0.3036, 0.3276.

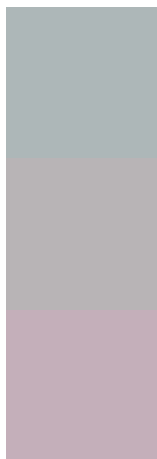


This preview shows how white text looks on a background with the Yxy color 46.2119, 0.3036, 0.3276.

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

46.2119, 0.3036, 0.3276

Protanopia

46.2103, 0.3146, 0.3264

Deuteranopia

45.9409, 0.3222, 0.3152



Tritanopia

46.1472, 0.2962, 0.3095

Trichromacy



Original Color

46.2119, 0.3036, 0.3276

Protanomaly

46.1699, 0.3103, 0.3264

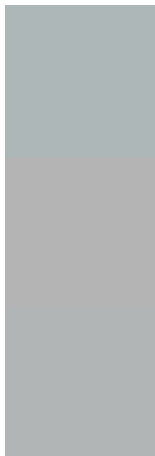
Deuteranomaly

46.0349, 0.3157, 0.3200

Tritanomaly

46.2603, 0.2984, 0.3159

Monochromacy



Original Color

46.2119, 0.3036, 0.3276

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.7311, 0.3093, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2119, 0.3036, 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(173, 183, 184)` looks like.

```
.text, #text, p{  
    color:rgb(173, 183, 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(173, 183, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 183, 184) }
```

Border

The CSS property to change the border of an element to Yxy 46.2119, 0.3036, 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(173, 183, 184) }
```

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

```
.border{ border-color:rgb(173, 183, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 183, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 183, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 183, 184);  
box-shadow:4px 4px 4px 4px rgb(173, 183,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2119, 0.3036, 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(173, 183, 184) }
```

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

```
.background{ background-color: rgb(173,  
183, 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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