

Converting Colors

$Y_{xy}(41.5757, 0.3035, 0.3077)$

Have a look what the booklet for
Yxy(41.5757, 0.3035, 0.3077)
contains.

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Color

Yxy(41.4086, 0.3040, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	AFAABA
RGB	175, 170, 186
RGB Percent	69%, 67%, 73%
CMY	0.3135, 0.3334, 0.2706
CMYK	0.06, 0.09, 0.00, 0.27
HSL	259°, 10%, 70%
HSV	259°, 9%, 73%
XYZ	40.9240, 41.4086, 52.2858
YIQ	173.3190, -2.1560, 6.0360

Conversions

Conversions Part 2

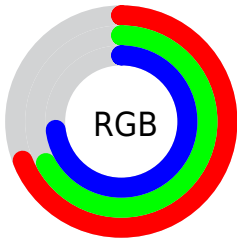
Format	Color
RYB	175, 170, 186
Decimal	11512506
CIELab	70.46, 4.88, -7.55
CIElCh	70, 8.986, 302.891
Yxy	41.4086, 0.3040, 0.3076
Android (android.graphics.Color)	4289702586 (0xFFAFAABA)
YUV	173.3190, 6.2517, 1.4742
Hunter-Lab	64.3495, 0.9079, -3.1301

Details

The Yxy color $41.4086, 0.3040, 0.3076$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.8329, 0.3210, 0.3501$, and the grayscale version is $41.9325, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.2502, 0.3060, 0.3114$, and $18.8613, 0.3017, 0.3014$ is the 20% darker color. If you saturate the color by 10%, you get $33.5199, 0.2924, 0.2804$, and if you desaturate by 10%, it is $50.4260, 0.3140, 0.3323$.

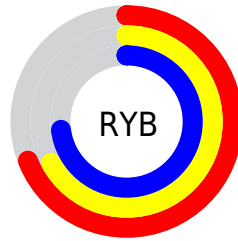
Distribution



Red (69%)

Green (67%)

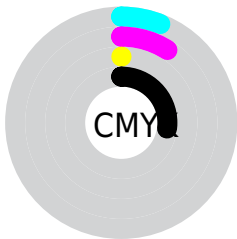
Blue (73%)



Red (69%)

Yellow (67%)

Blue (73%)

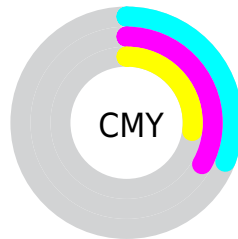


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4086, 0.3040, 0.3076 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 41.4086, 0.3040, 0.3076 by changing the saturation by 10% instead.

■ 41.4086, 0.3040,
0.3076

■ 41.4086, 0.3040,
0.3076

■ 352.0255, 0.3085,
0.3184

■ 28.6385, 0.3028,
0.3049

■ 77.3038, 0.3057,
0.3115

■ 18.8075, 0.3013,
0.3014

■ 101.1976, 0.3063,
0.3130

■ 11.5313, 0.2993,
0.2967

■ 129.5682, 0.3068,
0.3143

■ 6.4254, 0.2963,
0.2900

■ 162.7999, 0.3072,
0.3153

■ 3.1054, 0.2917,
0.2800

■ 201.2770, 0.3076,
0.3162

■ 1.1870, 0.2835,
0.2631

■ 245.3841, 0.3079,

■ 0.0511, 0.2091,

0.3171

0.0637

295.5054, 0.3082,
0.3178

0.0000, 0.0000,
0.0000

41.4086, 0.3040,
0.3076

41.4086, 0.3040,
0.3076

33.5199, 0.2924,
0.2804

50.4260, 0.3140,
0.3323

26.7097, 0.2792,
0.2509

60.6093, 0.3226,
0.3544

20.9316, 0.2644,
0.2197

72.0005, 0.3299,
0.3740

16.1339, 0.2484,
0.1878

84.6379, 0.3360,
0.3914

12.2601, 0.2317,
0.1567

93.3555, 0.3427,
0.3995

■ 9.2479, 0.2149,
0.1281

■ 95.6439, 0.3513,
0.3975

■ 7.0271, 0.1991,
0.1040

■ 96.3249, 0.3538,
0.3969

■ 5.5158, 0.1851,
0.0858

■ 4.5794, 0.1736,
0.0737

Harmonies

Analogous

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



41.4086, 0.2934, 0.3076



41.4086, 0.3040, 0.3076



41.4086, 0.3172, 0.3131

Triad

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



41.4086, 0.3040, 0.3076



41.4086, 0.3381, 0.3442



41.4086, 0.2962, 0.3353

Complementary

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



41.4086, 0.3040, 0.3076



47.8329, 0.3210, 0.3501

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.



41.4086, 0.3079, 0.3458



41.4086, 0.3040, 0.3076



41.4086, 0.3322, 0.3508

Square

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



41.4086, 0.3040, 0.3076



41.4086, 0.3370, 0.3339



41.4086, 0.3211, 0.3515



41.4086, 0.2890, 0.3233

Rectangle

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



41.4086, 0.3040, 0.3076



41.4086, 0.3256, 0.3191



41.4086, 0.3211, 0.3515



41.4086, 0.2998, 0.3392

Sweetspot

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



41.4104, 0.3040, 0.3076



83.8851, 0.3098, 0.3216



45.2160, 0.2996, 0.3226



18.1810, 0.3089, 0.3196



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.4104, 0.3040, 0.3076



72.6988, 0.3023, 0.3035



42.3327, 0.3108, 0.3081



8.8535, 0.3032, 0.3057



3.0420, 0.1734, 0.0729



0.1413, 0.2040, 0.0897

Inverse Universe

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



42.5178, 0.3180, 0.3147



75.0520, 0.3190, 0.3121



46.9230, 0.3144, 0.3505



9.1131, 0.3184, 0.3135



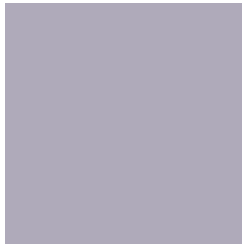
8.0718, 0.4191, 0.2082



0.2952, 0.3881, 0.1912

Previews

White Background



This preview shows how the Yxy color 41.4086, 0.3040, 0.3076 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 41.4086, 0.3040, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

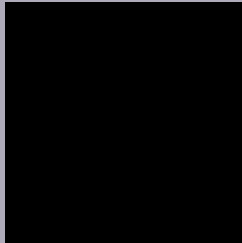
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4086, 0.3040, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 41.4086, 0.3040, 0.3076.



This preview shows how white text looks on a background with the Yxy color 41.4086, 0.3040, 0.3076.

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

41.4086, 0.3040, 0.3076

Protanopia

41.3716, 0.2997, 0.3074

Deuteranopia

41.2926, 0.3103, 0.3028



Tritanopia

41.3241, 0.3056, 0.3102

Trichromacy



Original Color

41.4086, 0.3040, 0.3076

Protanomaly

41.4843, 0.3005, 0.3075

Deuteranomaly

41.2964, 0.3076, 0.3039

Tritanomaly

41.3662, 0.3048, 0.3089

Monochromacy



Original Color

41.4086, 0.3040, 0.3076

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7181, 0.3095, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4086, 0.3040, 0.3076 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(175, 170, 186)` looks like.

```
.text, #text, p{  
    color:rgb(175, 170, 186)  
}
```

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(175, 170, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 170, 186) }
```

Border

The CSS property to change the border of an element to Yxy 41.4086, 0.3040, 0.3076 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(175, 170, 186) }
```

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

```
.border{ border-color:rgb(175, 170, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 170, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 170, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 170, 186);  
box-shadow:4px 4px 4px 4px rgb(175, 170,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4086, 0.3040, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 170, 186) }
```

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

```
.background{ background-color: rgb(175,  
170, 186) }
```

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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