

Converting Colors

$Y_{xy}(42.1425, 0.3032, 0.3039)$

Have a look what the booklet for
Yxy(42.1425, 0.3032, 0.3039)
contains.

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Color

Yxy(42.3085, 0.3033, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	B2ABBE
RGB	178, 171, 190
RGB Percent	70%, 67%, 75%
CMY	0.3021, 0.3294, 0.2549
CMYK	0.06, 0.10, 0.00, 0.25
HSL	262°, 13%, 71%
HSV	262°, 10%, 75%
XYZ	42.2111, 42.3085, 54.6531
YIQ	175.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

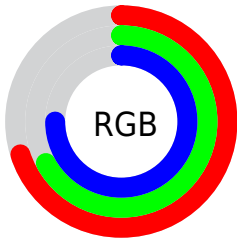
Format	Color
RYB	178, 171, 190
Decimal	11709374
CIELab	71.08, 6.12, -8.80
CIELCh	71, 10.719, 304.796
Yxy	42.3085, 0.3033, 0.3040
Android (android.graphics.Color)	4289899454 (0xFFB2ABBE)
YUV	175.2590, 7.2673, 2.4039
Hunter-Lab	65.0450, 2.0092, -4.2861

Details

The Yxy color $42.3085, 0.3033, 0.3040$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.8379, 0.3215, 0.3537$, and the grayscale version is $42.9720, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5390, 0.3055, 0.3085$, and $19.3598, 0.2997, 0.2965$ is the 20% darker color. If you saturate the color by 10%, you get $34.2784, 0.2924, 0.2766$, and if you desaturate by 10%, it is $51.4989, 0.3127, 0.3290$.

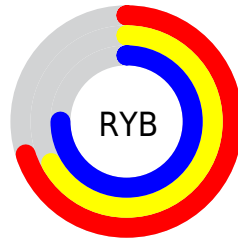
Distribution



Red (70%)

Green (67%)

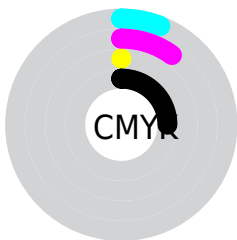
Blue (75%)



Red (70%)

Yellow (67%)

Blue (75%)

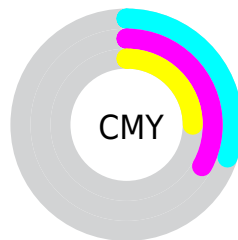


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (30%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3085, 0.3033, 0.3040 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 42.3085, 0.3033, 0.3040 by changing the saturation by 10% instead.

■ 42.3085, 0.3033,
0.3040

■ 42.3085, 0.3033,
0.3040

■ 355.7602, 0.3081,
0.3165

■ 29.3429, 0.3020,
0.3009

■ 78.6663, 0.3051,
0.3086

■ 19.3404, 0.3004,
0.2968

■ 102.8273, 0.3058,
0.3103

■ 11.9165, 0.2982,
0.2915

■ 131.4890, 0.3063,
0.3117

■ 6.6868, 0.2950,
0.2839

■ 165.0356, 0.3068,
0.3130

■ 3.2670, 0.2901,
0.2727

■ 203.8517, 0.3072,
0.3140

■ 1.2727, 0.2815,
0.2541

■ 248.3215, 0.3076,

■ 0.1199, 0.2332,

0.3150

0.1062

298.8296, 0.3079,
0.3158

0.0000, 0.0000,
0.0000

42.3085, 0.3033,
0.3040

42.3085, 0.3033,
0.3040

34.2784, 0.2924,
0.2766

51.4989, 0.3127,
0.3290

27.3563, 0.2799,
0.2471

61.8884, 0.3208,
0.3516

21.4936, 0.2660,
0.2162

73.5208, 0.3276,
0.3717

16.6360, 0.2509,
0.1850

86.4359, 0.3333,
0.3895

12.7245, 0.2351,
0.1548

93.4429, 0.3401,
0.3954

■ 9.6935, 0.2191,
0.1274

■ 95.5988, 0.3481,
0.3936

■ 7.4685, 0.2040,
0.1046

■ 96.4975, 0.3514,
0.3929

■ 5.9624, 0.1905,
0.0875

■ 5.0058, 0.1791,
0.0760

Harmonies

Analogous

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



42.3085, 0.2905, 0.3035



42.3085, 0.3033, 0.3040



42.3085, 0.3189, 0.3108

Triad

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



42.3085, 0.3033, 0.3040



42.3085, 0.3426, 0.3476



42.3085, 0.2925, 0.3356

Complementary

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



42.3085, 0.3033, 0.3040



49.8379, 0.3215, 0.3537

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.



42.3085, 0.3060, 0.3483



42.3085, 0.3033, 0.3040



42.3085, 0.3351, 0.3551

Square

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



42.3085, 0.3033, 0.3040



42.3085, 0.3419, 0.3356



42.3085, 0.3216, 0.3555



42.3085, 0.2844, 0.3213

Rectangle

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



42.3085, 0.3033, 0.3040



42.3085, 0.3288, 0.3181



42.3085, 0.3216, 0.3555



42.3085, 0.2965, 0.3402

Sweetspot

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



42.3103, 0.3033, 0.3040



88.0078, 0.3100, 0.3216



46.3894, 0.2975, 0.3202



19.0225, 0.3092, 0.3196



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



42.3103, 0.3033, 0.3040



73.2906, 0.3010, 0.2982



43.4325, 0.3113, 0.3046



9.3910, 0.3039, 0.3057



3.3692, 0.1804, 0.0767



0.1694, 0.2088, 0.0924

Inverse Universe

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



43.4987, 0.3197, 0.3135



75.8925, 0.3214, 0.3100



48.7483, 0.3139, 0.3543



9.6353, 0.3192, 0.3146



8.2028, 0.4387, 0.2190



0.3335, 0.4036, 0.1997

Previews

White Background



This preview shows how the Yxy color 42.3085, 0.3033, 0.3040 looks on a white background.

Color Contrast Check

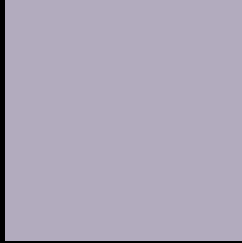
Large Text (above 18pt) WCAG AA × Fail

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 42.3085, 0.3033, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

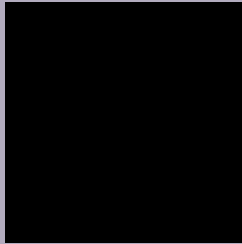
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

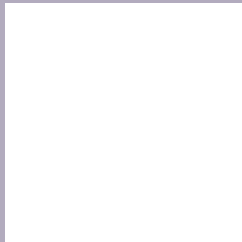
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3085, 0.3033, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 42.3085, 0.3033, 0.3040.



This preview shows how white text looks on a background with the Yxy color 42.3085, 0.3033, 0.3040.

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

42.3085, 0.3033, 0.3040

Protanopia

42.4194, 0.2974, 0.3050

Deuteranopia

42.1609, 0.3078, 0.3017



Tritanopia

42.3549, 0.3065, 0.3117

Trichromacy



Original Color

42.3085, 0.3033, 0.3040

Protanomaly

42.2653, 0.2991, 0.3038

Deuteranomaly

42.2909, 0.3060, 0.3029

Tritanomaly

42.4400, 0.3048, 0.3091

Monochromacy



Original Color

42.3085, 0.3033, 0.3040

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7975, 0.3096, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3085, 0.3033, 0.3040 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(178, 171, 190)` looks like.

```
.text, #text, p{  
    color:rgb(178, 171, 190)  
}
```

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(178, 171, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 171, 190) }
```

Border

The CSS property to change the border of an element to Yxy 42.3085, 0.3033, 0.3040 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(178, 171, 190) }
```

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

```
.border{ border-color:rgb(178, 171, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 171, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 171, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 171, 190);  
box-shadow:4px 4px 4px 4px rgb(178, 171,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3085, 0.3033, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 171, 190) }
```

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

```
.background{ background-color: rgb(178,  
171, 190) }
```

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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