

Converting Colors

$Yxy(45.9946, 0.3075, 0.3084)$

Have a look what the booklet for
Yxy(45.9946, 0.3075, 0.3084)
contains.

Yxy(45.7784, 0.3069, 0.3073)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.7784, 0.3069, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	BAB1C2
RGB	186, 177, 194
RGB Percent	73%, 69%, 76%
CMY	0.2704, 0.3059, 0.2392
CMYK	0.04, 0.09, 0.00, 0.24
HSL	272°, 12%, 73%
HSV	272°, 9%, 76%
XYZ	45.7188, 45.7784, 57.4725
YIQ	181.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

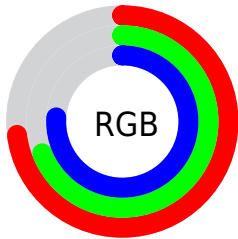
Format	Color
R _Y B	186, 177, 194
Decimal	12235202
CIE Lab	73.40, 6.41, -7.49
CIE LCh	73, 9.861, 310.550
Yxy	45.7784, 0.3069, 0.3073
Android (android.graphics.Color)	4290425282 (0xFFBAB1C2)
YUV	181.6290, 6.0989, 3.8334
Hunter-Lab	67.6597, 2.2109, -3.0012

Details

The Yxy color $45.7784, 0.3069, 0.3073$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.0719, 0.3181, 0.3508$, and the grayscale version is $46.5375, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.0572, 0.3082, 0.3121$, and $21.2953, 0.3058, 0.3012$ is the 20% darker color. If you saturate the color by 10%, you get $37.5522, 0.2992, 0.2807$, and if you desaturate by 10%, it is $55.1703, 0.3135, 0.3319$.

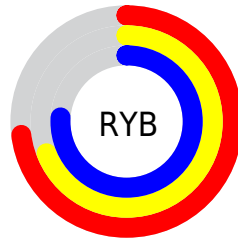
Distribution



Red (73%)

Green (69%)

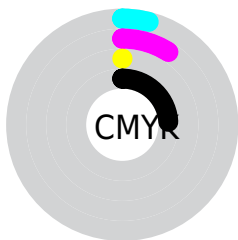
Blue (76%)



Red (73%)

Yellow (69%)

Blue (76%)

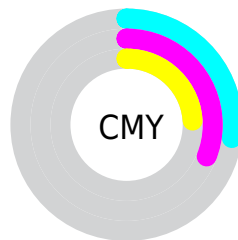


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.7784, 0.3069, 0.3073 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 45.7784, 0.3069, 0.3073 by changing the saturation by 10% instead.

■ 45.7784, 0.3069,
0.3073

■ 45.7784, 0.3069,
0.3073

369.9170, 0.3099,
0.3180

■ 32.0710, 0.3061,
0.3047

■ 83.8873, 0.3080,
0.3112

■ 21.4157, 0.3051,
0.3013

109.0575, 0.3084,
0.3126

■ 13.4282, 0.3038,
0.2968

138.8175, 0.3087,
0.3139

■ 7.7241, 0.3019,
0.2906

173.5515, 0.3090,
0.3150

■ 3.9189, 0.2990,
0.2815

213.6441, 0.3093,
0.3159

■ 1.6283, 0.2940,
0.2668

259.4797, 0.3095,

■ 0.3766, 0.2819,

0.3167

0.2064

311.4425, 0.3097,
0.3174

■ 0.0000, 0.0000,
0.0000

■ 45.7784, 0.3069,
0.3073

■ 45.7784, 0.3069,
0.3073

■ 37.5522, 0.2992,
0.2807

■ 55.1703, 0.3135,
0.3319

■ 30.4389, 0.2903,
0.2526

■ 65.7664, 0.3190,
0.3544

■ 24.3900, 0.2802,
0.2235

■ 77.6106, 0.3236,
0.3747

■ 19.3511, 0.2690,
0.1945

■ 90.7429, 0.3274,
0.3930

■ 15.2631, 0.2571,
0.1667

■ 92.4772, 0.3333,
0.3921

■ 12.0603, 0.2446,
0.1416

■ 94.0310, 0.3393,
0.3909

■ 9.6683, 0.2323,
0.1205

■ 95.6643, 0.3453,
0.3897

■ 8.0000, 0.2205,
0.1045

■ 96.6756, 0.3490,
0.3890

■ 6.9111, 0.2097,
0.0934

Harmonies

Analogous

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



45.7784, 0.2946, 0.3057



45.7784, 0.3069, 0.3073



45.7784, 0.3210, 0.3144

Triad

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



45.7784, 0.3069, 0.3073



45.7784, 0.3387, 0.3474



45.7784, 0.2927, 0.3324

Complementary

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



45.7784, 0.3069, 0.3073



52.0719, 0.3181, 0.3508

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.



45.7784, 0.3042, 0.3443



45.7784, 0.3069, 0.3073



45.7784, 0.3308, 0.3530

Square

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



45.7784, 0.3069, 0.3073



45.7784, 0.3396, 0.3372



45.7784, 0.3181, 0.3519



45.7784, 0.2866, 0.3198

Rectangle

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



45.7784, 0.3069, 0.3073



45.7784, 0.3295, 0.3213



45.7784, 0.3181, 0.3519



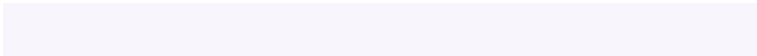
45.7784, 0.2961, 0.3367

Sweetspot

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



45.7804, 0.3069, 0.3073



92.4095, 0.3108, 0.3216



48.0302, 0.2993, 0.3176



19.9314, 0.3103, 0.3196



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



45.7804, 0.3069, 0.3073



79.1650, 0.3052, 0.3011



46.7937, 0.3139, 0.3081



10.0059, 0.3065, 0.3058



4.5149, 0.2097, 0.0929



0.2358, 0.2336, 0.1061

Inverse Universe

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



46.4116, 0.3211, 0.3190



80.6113, 0.3237, 0.3161



51.1204, 0.3115, 0.3508



10.1546, 0.3217, 0.3183



8.0510, 0.5072, 0.2568



0.3618, 0.4550, 0.2280

Previews

White Background



This preview shows how the Yxy color 45.7784, 0.3069, 0.3073 looks on a white background.

Color Contrast Check

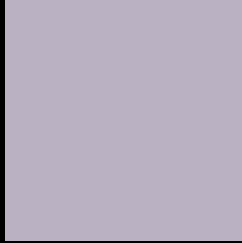
Large Text (above 18pt) WCAG AA × Fail

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 45.7784, 0.3069, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

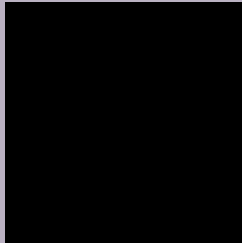
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7784, 0.3069, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 45.7784, 0.3069, 0.3073.



This preview shows how white text looks on a background with the Yxy color 45.7784, 0.3069, 0.3073.

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

45.7784, 0.3069, 0.3073

Protanopia

45.7640, 0.3002, 0.3083

Deuteranopia

45.6314, 0.3112, 0.3051



Tritanopia

45.6450, 0.3092, 0.3111

Trichromacy



Original Color

45.7784, 0.3069, 0.3073

Protanomaly

45.7260, 0.3027, 0.3072

Deuteranomaly

45.7645, 0.3095, 0.3062

Tritanomaly

45.6892, 0.3085, 0.3098

Monochromacy



Original Color

45.7784, 0.3069, 0.3073

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.2550, 0.3105, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7784, 0.3069, 0.3073 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(186, 177, 194)` looks like.

```
.text, #text, p{  
    color:rgb(186, 177, 194)  
}
```

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(186, 177, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 177, 194) }
```

Border

The CSS property to change the border of an element to Yxy 45.7784, 0.3069, 0.3073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

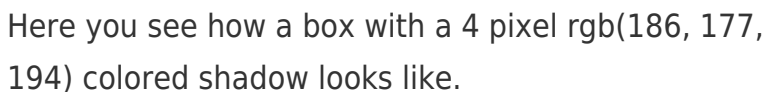
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 177, 194) }
```

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

```
.border{ border-color:rgb(186, 177, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 177, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 177, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 177, 194); box-shadow:4px 4px 4px 4px rgb(186, 177, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7784, 0.3069, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 177, 194) }
```

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

```
.background{ background-color: rgb(186,  
177, 194) }
```

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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