

Converting Colors

$Y_{xy}(27.4602, 0.3449, 0.2371)$

Have a look what the booklet for
Yxy(27.4602, 0.3449, 0.2371)
contains.

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Color

Yxy(27.3860, 0.3446, 0.2364)

Conversions

Conversions Part 1

Format	Color
Hex	D06BB8
RGB	208, 107, 184
RGB Percent	82%, 42%, 72%
CMY	0.1844, 0.5803, 0.2784
CMYK	0.00, 0.49, 0.12, 0.18
HSL	314°, 52%, 62%
HSV	314°, 49%, 82%
XYZ	39.9205, 27.3860, 48.5395
YIQ	145.9770, 35.4790, 45.3590

Conversions

Conversions Part 2

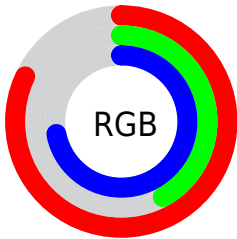
Format	Color
R_{YB}	208, 107, 184
Decimal	13659064
CIE _{Lab}	59.33, 49.75, -22.90
CIE _{LCh}	59, 54.767, 335.279
Yxy	27.3860, 0.3446, 0.2364
Android (android.graphics.Color)	4291849144 (0xFFD06BB8)
YUV	145.9770, 18.7453, 54.3942
Hunter-Lab	52.3316, 44.5862, -18.3615

Details

The Yxy color **27.3860, 0.3446, 0.2364** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **49.8701, 0.2922, 0.4455**, and the grayscale version is **28.6472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0410, 0.3292, 0.2505**, and **10.8563, 0.3520, 0.2102** is the 20% darker color. If you saturate the color by 10%, you get **23.3556, 0.3535, 0.2202**, and if you desaturate by 10%, it is **32.4691, 0.3364, 0.2547**.

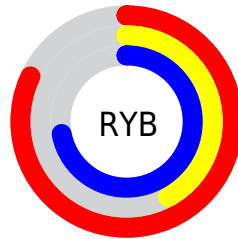
Distribution



Red (82%)

Green (42%)

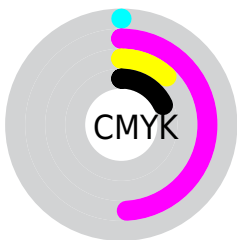
Blue (72%)



Red (82%)

Yellow (42%)

Blue (72%)

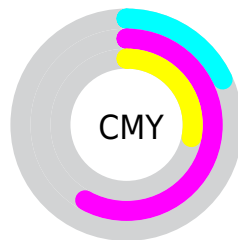


Cyan (0%)

Magenta (49%)

Yellow (12%)

Black (18%)



Cyan (18%)


Magenta (58%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3860, 0.3446, 0.2364 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 27.3860, 0.3446, 0.2364 by changing the saturation by 10% instead.


 27.3860, 0.3446,
0.2364


 27.3860, 0.3446,
0.2364


289.5212, 0.3290,
0.2828


 17.8633, 0.3483,
0.2249


 55.5027, 0.3391,
0.2532


 10.8519, 0.3529,
0.2103


 74.8654, 0.3370,
0.2595

 5.9673, 0.3588,
0.1912


 98.2770, 0.3352,
0.2649

 2.8252, 0.3665,
0.1651

 126.1219, 0.3336,
0.2695

 1.0412, 0.3764,
0.1284

158.7843, 0.3322,
0.2735

 0.0000, 0.4196,
0.0000

196.6487, 0.3310,


 0.0000, 0.2254,

0.2769


0.0000


240.0996, 0.3300,
0.2800


 0.0000, 0.0000,
0.0000

 27.3860, 0.3446,
0.2364


 27.3860, 0.3446,
0.2364


 23.3556, 0.3535,
0.2202

 32.4691, 0.3364,
0.2547


 20.2980, 0.3629,
0.2070


 38.6696, 0.3290,
0.2741

 18.1280, 0.3725,
0.1979

 46.0514, 0.3225,
0.2938

 16.7439, 0.3820,
0.1935

 54.6728, 0.3169,
0.3131

 15.9884, 0.3911,
0.1934

 64.5878, 0.3121,
0.3316

■ 15.8980, 0.3925,
0.1936

■ 75.8475, 0.3080,
0.3491

■ 88.5000, 0.3045,
0.3655

■ 90.2835, 0.3017,
0.3625

■ 90.5546, 0.2990,
0.3571

Harmonies

Analogous

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



27.3860, 0.2563, 0.2040



27.3860, 0.3446, 0.2364



27.3860, 0.4350, 0.2873

Triad

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



27.3860, 0.3446, 0.2364



27.3860, 0.4279, 0.4718



27.3860, 0.1646, 0.2700

Complementary

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



27.3860, 0.3446, 0.2364



49.8701, 0.2922, 0.4455

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.



27.3860, 0.1978, 0.3613



27.3860, 0.3446, 0.2364



27.3860, 0.3484, 0.4985

Square

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



27.3860, 0.3446, 0.2364



27.3860, 0.4815, 0.4129



27.3860, 0.2641, 0.4576



27.3860, 0.1644, 0.2153

Rectangle

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



27.3860, 0.3446, 0.2364



27.3860, 0.4762, 0.3273



27.3860, 0.2641, 0.4576



27.3860, 0.1718, 0.2969

Sweetspot

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



27.3873, 0.3446, 0.2364



77.4059, 0.3205, 0.3003



19.8624, 0.2403, 0.1840



15.9687, 0.3218, 0.2962



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.



27.3873, 0.3446, 0.2364



36.9579, 0.3536, 0.2200



25.6453, 0.4097, 0.2954



11.9591, 0.3173, 0.3114



9.9256, 0.3912, 0.1929



0.5669, 0.3757, 0.1843

Inverse Universe

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



27.3873, 0.3446, 0.2364



36.9579, 0.3536, 0.2200



51.5707, 0.2635, 0.3676



11.9591, 0.3173, 0.3114



9.9256, 0.3912, 0.1929



0.5669, 0.3757, 0.1843

Previews

White Background



This preview shows how the Yxy color 27.3860, 0.3446, 0.2364 looks on a white background.

Color Contrast Check

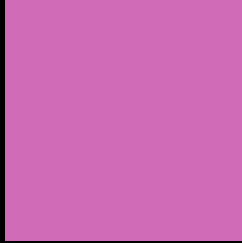
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3860, 0.3446, 0.2364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

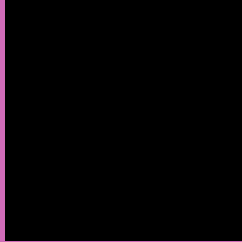
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3860, 0.3446, 0.2364

Background



This preview shows how black text looks on a background with the Yxy color 27.3860, 0.3446, 0.2364.



This preview shows how white text looks on a background with the Yxy color 27.3860, 0.3446, 0.2364.

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

27.3860, 0.3446, 0.2364

Protanopia

27.7678, 0.2388, 0.2283

Deuteranopia

27.4595, 0.2766, 0.2706



Tritanopia

27.3087, 0.4052, 0.3175

Trichromacy



Original Color

27.3860, 0.3446, 0.2364

Protanomaly

26.6899, 0.2696, 0.2282

Deuteranomaly

26.6261, 0.2990, 0.2546

Tritanomaly

27.2370, 0.3830, 0.2868

Monochromacy



Original Color

27.3860, 0.3446, 0.2364

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.4756, 0.3246, 0.2881

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3860, 0.3446, 0.2364 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(208, 107, 184)` looks like.

```
.text, #text, p{  
    color:rgb(208, 107, 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(208, 107, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 107, 184) }
```

Border

The CSS property to change the border of an element to Yxy 27.3860, 0.3446, 0.2364 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(208, 107, 184) }
```

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

```
.border{ border-color:rgb(208, 107, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 107, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 107, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 107, 184);  
box-shadow:4px 4px 4px 4px rgb(208, 107,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3860, 0.3446, 0.2364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 107, 184) }
```

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

```
.background{ background-color: rgb(208,  
107, 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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