

Converting Colors

$Yxy(45.0609, 0.3661, 0.2923)$

Have a look what the booklet for
Yxy(45.0609, 0.3661, 0.2923)
contains.

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Color

Yxy(44.8956, 0.3658, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	F099BB
RGB	240, 153, 187
RGB Percent	94%, 60%, 73%
CMY	0.0588, 0.4000, 0.2666
CMYK	0.00, 0.36, 0.22, 0.06
HSL	337°, 74%, 77%
HSV	337°, 36%, 94%
XYZ	56.3003, 44.8956, 52.7142
YIQ	182.8890, 40.9380, 29.0180

Conversions

Conversions Part 2

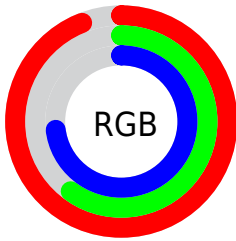
Format	Color
R_{YB}	240, 153, 187
Decimal	15767995
CIE _{Lab}	72.82, 37.06, -3.90
CIE _{LCh}	73, 37.261, 353.992
Yxy	44.8956, 0.3658, 0.2917
Android (android.graphics.Color)	4293958075 (0xFFFF099BB)
YUV	182.8890, 2.0267, 50.0863
Hunter-Lab	67.0042, 32.7275, 0.2577

Details

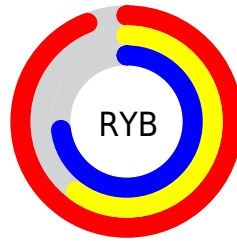
The Yxy color $44.8956, 0.3658, 0.2917$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $73.5584, 0.2791, 0.3702$, and the grayscale version is $47.2631, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.8428, 0.3232, 0.2944$, and $20.7807, 0.3804, 0.2808$ is the 20% darker color. If you saturate the color by 10%, you get $37.2208, 0.3879, 0.2816$, and if you desaturate by 10%, it is $54.2185, 0.3473, 0.3023$.

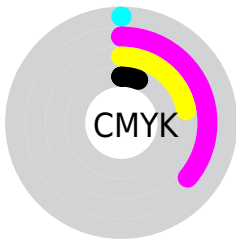
Distribution



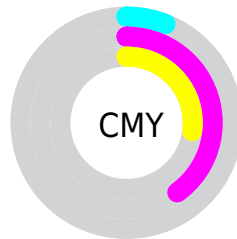
- Red (94%)
- Green (60%)
- Blue (73%)



- Red (94%)
- Yellow (60%)
- Blue (73%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (6%)




- Cyan (6%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8956, 0.3658, 0.2917 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 44.8956, 0.3658, 0.2917 by changing the saturation by 10% instead.

 44.8956, 0.3658,
0.2917

 44.8956, 0.3658,
0.2917


366.3506, 0.3393,
0.3101

 31.3752, 0.3724,
0.2872


 82.5637, 0.3562,
0.2983

 20.8847, 0.3808,
0.2815


 107.4802, 0.3526,
0.3008

 13.0398, 0.3920,
0.2739


136.9643, 0.3495,
0.3029

 7.4559, 0.4076,
0.2636

171.4002, 0.3469,
0.3048

 3.7488, 0.4306,
0.2486

211.1724, 0.3446,
0.3064

 1.5341, 0.4678,
0.2249

256.6652, 0.3426,

 0.3125, 0.5756,

0.3078

0.1433

308.2632, 0.3409,
0.3090

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.8956, 0.3658,
0.2917

44.8956, 0.3658,
0.2917

37.2208, 0.3879,
0.2816

54.2185, 0.3473,
0.3023

31.0904, 0.4136,
0.2727

65.2723, 0.3320,
0.3129

26.3992, 0.4426,
0.2665

78.1418, 0.3194,
0.3230

23.0256, 0.4739,
0.2640

92.9044, 0.3091,
0.3325

■ 20.8278, 0.5055,
0.2664

■ 97.2681, 0.3035,
0.3290

■ 19.6293, 0.5351,
0.2742

■ 19.3327, 0.5456,
0.2779

Harmonies

Analogous

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



44.8956, 0.3124, 0.2618



44.8956, 0.3658, 0.2917



44.8956, 0.4059, 0.3307

Triad

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



44.8956, 0.3658, 0.2917



44.8956, 0.3577, 0.4248



44.8956, 0.2174, 0.2730

Complementary

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



44.8956, 0.3658, 0.2917



73.5584, 0.2791, 0.3702

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.



44.8956, 0.2272, 0.3161



44.8956, 0.3658, 0.2917



44.8956, 0.3060, 0.4118

Square

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



44.8956, 0.3658, 0.2917



44.8956, 0.3993, 0.4075



44.8956, 0.2586, 0.3693



44.8956, 0.2300, 0.2495

Rectangle

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



44.8956, 0.3658, 0.2917



44.8956, 0.4175, 0.3585



44.8956, 0.2586, 0.3693



44.8956, 0.2182, 0.2854

Sweetspot

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



44.8977, 0.3658, 0.2917



82.3387, 0.3251, 0.3182



42.0826, 0.2873, 0.2309



17.1969, 0.3268, 0.3169



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.



44.8977, 0.3658, 0.2917



44.4177, 0.3829, 0.2836



46.5627, 0.3972, 0.3390



15.8611, 0.3232, 0.3198



10.6057, 0.5415, 0.2756



0.9013, 0.5062, 0.2562

Inverse Universe

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



44.8977, 0.3658, 0.2917



44.4177, 0.3829, 0.2836



70.3922, 0.2604, 0.3186



15.8611, 0.3232, 0.3198



10.6057, 0.5415, 0.2756



0.9013, 0.5062, 0.2562

Previews

White Background



This preview shows how the Yxy color 44.8956, 0.3658, 0.2917 looks on a white background.

Color Contrast Check

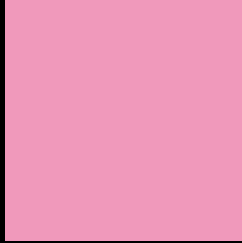
Large Text (above 18pt) WCAG AA × Fail

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 44.8956, 0.3658, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

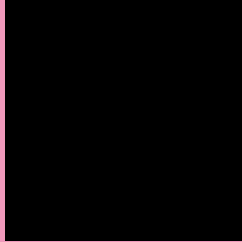
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8956, 0.3658, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 44.8956, 0.3658, 0.2917.



This preview shows how white text looks on a background with the Yxy color 44.8956, 0.3658, 0.2917.

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

44.8956, 0.3658, 0.2917

Protanopia

45.2190, 0.2917, 0.2980

Deuteranopia

45.1603, 0.3230, 0.3176



Tritanopia

44.7812, 0.3823, 0.3157

Trichromacy



Original Color

44.8956, 0.3658, 0.2917



Protanomaly

44.5493, 0.3161, 0.2945



Deuteranomaly

44.5820, 0.3388, 0.3073



Tritanomaly

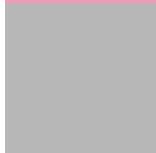
44.8886, 0.3764, 0.3069

Monochromacy



Original Color

44.8956, 0.3658, 0.2917



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.8031, 0.3314, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8956, 0.3658, 0.2917 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(240, 153, 187)` looks like.

```
.text, #text, p{  
    color:rgb(240, 153, 187)  
}
```

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(240, 153, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 153, 187) }
```

Border

The CSS property to change the border of an element to Yxy 44.8956, 0.3658, 0.2917 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(240, 153, 187) }
```

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

```
.border{ border-color:rgb(240, 153, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 153, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 153, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 153, 187);  
box-shadow:4px 4px 4px 4px rgb(240, 153,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8956, 0.3658, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 153, 187) }
```

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

```
.background{ background-color: rgb(240,  
153, 187) }
```

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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