

Converting Colors

$Y_{xy}(45.1220, 0.3609, 0.3034)$

Have a look what the booklet for
Yxy(45.1220, 0.3609, 0.3034)
contains.

Yxy(45.1626, 0.3608, 0.3029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.1626, 0.3608, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	E79FB6
RGB	231, 159, 182
RGB Percent	91%, 62%, 71%
CMY	0.0941, 0.3764, 0.2862
CMYK	0.00, 0.31, 0.21, 0.09
HSL	341°, 60%, 76%
HSV	341°, 31%, 91%
XYZ	53.7955, 45.1626, 50.1426
YIQ	183.1500, 35.5290, 22.4170

Conversions

Conversions Part 2

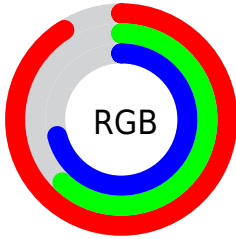
Format	Color
R _Y B	231, 159, 182
Decimal	15179702
CIE Lab	73.00, 29.98, -1.00
CIE LCh	73, 29.993, 358.088
Yxy	45.1626, 0.3608, 0.3029
Android (android.graphics.Color)	4293369782 (0xFFE79FB6)
YUV	183.1500, -0.5669, 41.9645
Hunter-Lab	67.2031, 25.2823, 2.8039

Details

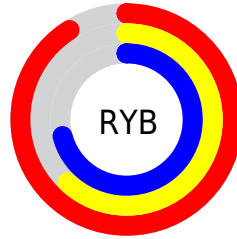
The Yxy color **45.1626, 0.3608, 0.3029** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.0733, 0.2804, 0.3570**, and the grayscale version is **47.4304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5262, 0.3262, 0.3052**, and **21.0990, 0.3746, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **37.3343, 0.3836, 0.2943**, and if you desaturate by 10%, it is **54.5524, 0.3420, 0.3116**.

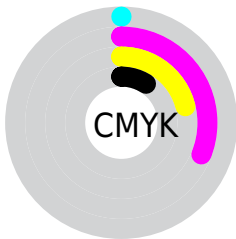
Distribution



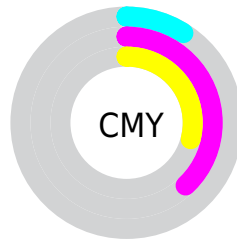
- Red (91%)
- Green (62%)
- Blue (71%)



- Red (91%)
- Yellow (62%)
- Blue (71%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (9%)





- Cyan (9%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1626, 0.3608, 0.3029 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 45.1626, 0.3608, 0.3029 by changing the saturation by 10% instead.


 45.1626, 0.3608,
0.3029

 45.1626, 0.3608,
0.3029


367.4317, 0.3367,
0.3159

 31.5855, 0.3668,
0.2996


 82.9644, 0.3520,
0.3076

 21.0451, 0.3746,
0.2955


 107.9578, 0.3487,
0.3094

 13.1570, 0.3850,
0.2899


137.5255, 0.3459,
0.3109

 7.5367, 0.3994,
0.2822

172.0519, 0.3436,
0.3122

 3.8000, 0.4211,
0.2708

211.9213, 0.3415,
0.3133

 1.5623, 0.4566,
0.2521

257.5181, 0.3397,

 0.3320, 0.5824,

0.3143

0.1816

309.2268, 0.3381,
0.3152

0.0000, 0.0000,
0.0000

45.1626, 0.3608,
0.3029

45.1626, 0.3608,
0.3029

37.3343, 0.3836,
0.2943

54.5524, 0.3420,
0.3116

30.9761, 0.4106,
0.2866

65.5763, 0.3266,
0.3201

25.9965, 0.4419,
0.2805

78.3096, 0.3140,
0.3281

22.2912, 0.4764,
0.2774

92.8212, 0.3038,
0.3355

19.7407, 0.5122,
0.2785

95.7278, 0.2982,
0.3290

■ 18.2024, 0.5462,
0.2844

■ 17.4796, 0.5728,
0.2929

Harmonies

Analogous

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



45.1626, 0.3188, 0.2766



45.1626, 0.3608, 0.3029



45.1626, 0.3901, 0.3360

Triad

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



45.1626, 0.3608, 0.3029



45.1626, 0.3444, 0.4054



45.1626, 0.2350, 0.2807

Complementary

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



45.1626, 0.3608, 0.3029



69.0733, 0.2804, 0.3570

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.



45.1626, 0.2408, 0.3140



45.1626, 0.3608, 0.3029



45.1626, 0.3023, 0.3909

Square

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



45.1626, 0.3608, 0.3029



45.1626, 0.3794, 0.3960



45.1626, 0.2648, 0.3556



45.1626, 0.2480, 0.2630

Rectangle

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



45.1626, 0.3608, 0.3029



45.1626, 0.3973, 0.3588



45.1626, 0.2648, 0.3556



45.1626, 0.2348, 0.2902

Sweetspot

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



45.1647, 0.3608, 0.3029



85.2561, 0.3237, 0.3218



43.8334, 0.2958, 0.2467



17.7740, 0.3257, 0.3206



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.



45.1647, 0.3608, 0.3029



50.3803, 0.3740, 0.2977



48.6193, 0.3794, 0.3430



14.4435, 0.3242, 0.3215



9.8200, 0.5686, 0.2906



0.7421, 0.5272, 0.2678

Inverse Universe

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



45.1647, 0.3608, 0.3029



50.3803, 0.3740, 0.2977



63.8016, 0.2664, 0.3144



14.4435, 0.3242, 0.3215



9.8200, 0.5686, 0.2906



0.7421, 0.5272, 0.2678

Previews

White Background



This preview shows how the Yxy color 45.1626, 0.3608, 0.3029 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 45.1626, 0.3608, 0.3029 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 45.1626, 0.3608, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 45.1626, 0.3608, 0.3029.



This preview shows how white text looks on a background with the Yxy color 45.1626, 0.3608, 0.3029.

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

45.1626, 0.3608, 0.3029

Protanopia

45.3195, 0.3010, 0.3082

Deuteranopia

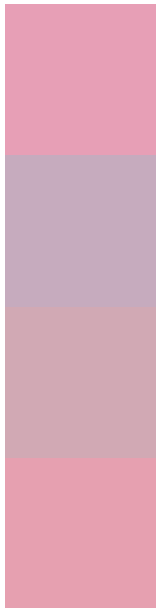
45.3971, 0.3291, 0.3227



Tritanopia

45.3299, 0.3682, 0.3153

Trichromacy



Original Color

45.1626, 0.3608, 0.3029

Protanomaly

44.8493, 0.3210, 0.3053

Deuteranomaly

45.2265, 0.3400, 0.3156

Tritanomaly

45.0992, 0.3655, 0.3108

Monochromacy



Original Color

45.1626, 0.3608, 0.3029

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

45.9704, 0.3284, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1626, 0.3608, 0.3029 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(231, 159, 182)` looks like.

```
.text, #text, p{  
    color:rgb(231, 159, 182)  
}
```

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(231, 159, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 159, 182) }
```

Border

The CSS property to change the border of an element to Yxy 45.1626, 0.3608, 0.3029 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(231, 159, 182) }
```

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

```
.border{ border-color:rgb(231, 159, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 159, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 159, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 159, 182); box-shadow:4px 4px 4px 4px rgb(231, 159, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1626, 0.3608, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 159, 182) }
```

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

```
.background{ background-color: rgb(231,  
159, 182) }
```

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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