

Converting Colors

Yxy(51.9785, 0.3635, 0.3200)

Have a look what the booklet for
Yxy(51.9785, 0.3635, 0.3200)
contains.

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Color

Yxy(51.8266, 0.3636, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	EEAEB6
RGB	238, 174, 182
RGB Percent	93%, 68%, 71%
CMY	0.0667, 0.3176, 0.2864
CMYK	0.00, 0.27, 0.24, 0.07
HSL	353°, 65%, 81%
HSV	353°, 27%, 93%
XYZ	58.8328, 51.8266, 51.1470
YIQ	194.0480, 35.5760, 16.0560

Conversions

Conversions Part 2

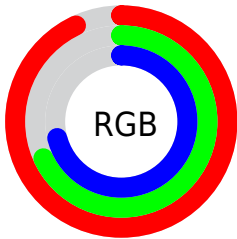
Format	Color
R _Y B	238, 174, 182
Decimal	15642294
CIE Lab	77.18, 24.49, 5.18
CIE LCh	77, 25.035, 11.939
Yxy	51.8266, 0.3636, 0.3203
Android (android.graphics.Color)	4293832374 (0xFFEEAEB6)
YUV	194.0480, -5.9397, 38.5459
Hunter-Lab	71.9907, 19.8915, 8.2699

Details

The Yxy color **51.8266, 0.3636, 0.3203** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75.8529, 0.2777, 0.3380**, and the grayscale version is **53.9990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0267, 0.3248, 0.3212**, and **25.0835, 0.3780, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **42.6347, 0.3913, 0.3170**, and if you desaturate by 10%, it is **62.7804, 0.3411, 0.3237**.

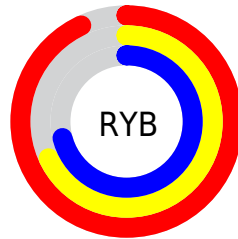
Distribution



Red (93%)

Green (68%)

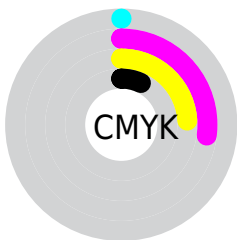
Blue (71%)



Red (93%)

Yellow (68%)

Blue (71%)

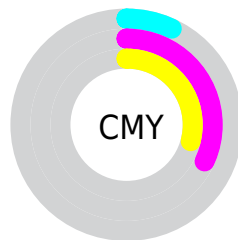


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (7%)



Cyan (7%)


Magenta (32%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8266, 0.3636, 0.3203 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 51.8266, 0.3636, 0.3203 by changing the saturation by 10% instead.

 51.8266, 0.3636,
0.3203

 51.8266, 0.3636,
0.3203


393.7668, 0.3385,
0.3249

 36.8669, 0.3698,
0.3191


 92.8755, 0.3545,
0.3220

 25.1044, 0.3777,
0.3175


119.7334, 0.3511,
0.3227

 16.1549, 0.3881,
0.3153


151.3262, 0.3482,
0.3232

 9.6338, 0.4023,
0.3122

188.0382, 0.3457,
0.3236

 5.1569, 0.4232,
0.3073

230.2539, 0.3435,
0.3240

 2.3396, 0.4564,
0.2988

278.3576, 0.3416,

 0.7945, 0.5301,

0.3244

0.2878

332.7338, 0.3399,
0.3246

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8266, 0.3636,
0.3203

51.8266, 0.3636,
0.3203

42.6347, 0.3913,
0.3170

62.7804, 0.3411,
0.3237

35.1059, 0.4250,
0.3139

75.5739, 0.3230,
0.3269

29.1427, 0.4644,
0.3117

90.2889, 0.3085,
0.3299

24.6345, 0.5081,
0.3108

96.9139, 0.3023,
0.3290

■ 21.4560, 0.5525,
0.3121

■ 19.4609, 0.5919,
0.3157

■ 18.4633, 0.6203,
0.3212

■ 18.2657, 0.6268,
0.3227

Harmonies

Analogous

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



51.8266, 0.3338, 0.2955



51.8266, 0.3636, 0.3203



51.8266, 0.3792, 0.3482

Triad

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



51.8266, 0.3636, 0.3203



51.8266, 0.3231, 0.3863



51.8266, 0.2529, 0.2821

Complementary

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



51.8266, 0.3636, 0.3203



75.8529, 0.2777, 0.3380

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.



51.8266, 0.2505, 0.3040



51.8266, 0.3636, 0.3203



51.8266, 0.2899, 0.3663

Square

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



51.8266, 0.3636, 0.3203



51.8266, 0.3547, 0.3880



51.8266, 0.2637, 0.3351



51.8266, 0.2703, 0.2736

Rectangle

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



51.8266, 0.3636, 0.3203



51.8266, 0.3790, 0.3656



51.8266, 0.2637, 0.3351



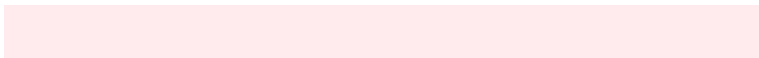
51.8266, 0.2504, 0.2880

Sweetspot

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



51.8290, 0.3636, 0.3203



86.5705, 0.3249, 0.3265



53.1831, 0.3089, 0.2607



18.0239, 0.3275, 0.3261



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.



51.8290, 0.3636, 0.3203



54.7430, 0.3774, 0.3185



61.3770, 0.3641, 0.3549



15.7909, 0.3274, 0.3261



10.2023, 0.6243, 0.3213



0.8589, 0.5956, 0.3055

Inverse Universe

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



51.8290, 0.3636, 0.3203



54.7430, 0.3774, 0.3185



63.5331, 0.2708, 0.3015



15.7909, 0.3274, 0.3261



10.2023, 0.6243, 0.3213



0.8589, 0.5956, 0.3055

Previews

White Background



This preview shows how the Yxy color 51.8266, 0.3636, 0.3203 looks on a white background.

Color Contrast Check

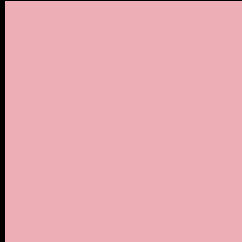
Large Text (above 18pt) WCAG AA × Fail

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 51.8266, 0.3636, 0.3203 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 51.8266, 0.3636, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 51.8266, 0.3636, 0.3203.



This preview shows how white text looks on a background with the Yxy color 51.8266, 0.3636, 0.3203.

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

51.8266, 0.3636, 0.3203

Protanopia

52.0578, 0.3152, 0.3278

Deuteranopia

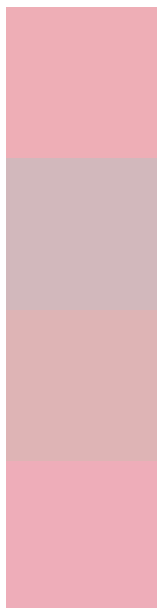
51.7224, 0.3409, 0.3339



Tritanopia

51.6521, 0.3593, 0.3136

Trichromacy



Original Color

51.8266, 0.3636, 0.3203

Protanomaly

51.6135, 0.3317, 0.3243

Deuteranomaly

51.5083, 0.3488, 0.3279

Tritanomaly

51.5671, 0.3611, 0.3158

Monochromacy



Original Color

51.8266, 0.3636, 0.3203

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.9600, 0.3297, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8266, 0.3636, 0.3203 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(238, 174, 182)` looks like.

```
.text, #text, p{  
    color:rgb(238, 174, 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(238, 174, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 174, 182) }
```

Border

The CSS property to change the border of an element to Yxy 51.8266, 0.3636, 0.3203 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(238, 174, 182) }
```

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

```
.border{ border-color:rgb(238, 174, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 174, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 174, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 174, 182);  
box-shadow:4px 4px 4px 4px rgb(238, 174,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8266, 0.3636, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 174, 182) }
```

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

```
.background{ background-color: rgb(238,  
174, 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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