

Converting Colors

$Y_{xy}(50.5275, 0.3610, 0.3125)$

Have a look what the booklet for
Yxy(50.5275, 0.3610, 0.3125)
contains.

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Color

Yxy(50.4294, 0.3618, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	EEAAB9
RGB	238, 170, 185
RGB Percent	93%, 67%, 73%
CMY	0.0668, 0.3333, 0.2745
CMYK	0.00, 0.29, 0.22, 0.07
HSL	347°, 67%, 80%
HSV	347°, 29%, 93%
XYZ	58.3851, 50.4294, 52.5595
YIQ	192.0420, 35.7130, 19.0810

Conversions

Conversions Part 2

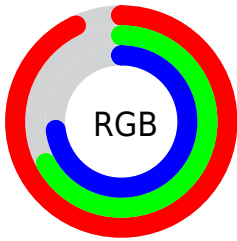
Format	Color
R _Y B	238, 170, 185
Decimal	15641273
CIE Lab	76.33, 27.05, 2.30
CIE LCh	76, 27.150, 4.868
Yxy	50.4294, 0.3618, 0.3125
Android (android.graphics.Color)	4293831353 (0xFFEEAAB9)
YUV	192.0420, -3.4717, 40.3052
Hunter-Lab	71.0137, 22.4830, 5.8271

Details

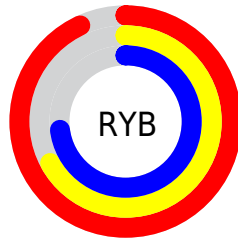
The Yxy color **50.4294, 0.3618, 0.3125** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75.0077, 0.2792, 0.3464**, and the grayscale version is **52.7443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0036, 0.3231, 0.3143**, and **24.2123, 0.3757, 0.3075** is the 20% darker color. If you saturate the color by 10%, you get **41.5684, 0.3870, 0.3065**, and if you desaturate by 10%, it is **61.0122, 0.3412, 0.3185**.

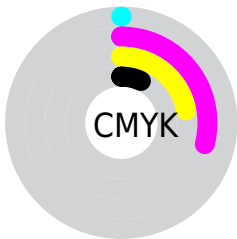
Distribution



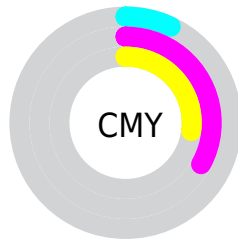
- Red (93%)
- Green (67%)
- Blue (73%)



- Red (93%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (29%)
- Yellow (22%)
- Black (7%)




- Cyan (7%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4294, 0.3618, 0.3125 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 50.4294, 0.3618, 0.3125 by changing the saturation by 10% instead.


 50.4294, 0.3618,
0.3125

 50.4294, 0.3618,
0.3125


388.3428, 0.3375,
0.3208

 35.7547, 0.3678,
0.3104


 90.8108, 0.3530,
0.3155

 24.2448, 0.3754,
0.3077


117.2862, 0.3497,
0.3167

 15.5153, 0.3855,
0.3042


148.4641, 0.3469,
0.3176

 9.1818, 0.3994,
0.2992

184.7287, 0.3445,
0.3184

 4.8600, 0.4198,
0.2917

226.4645, 0.3424,
0.3192

 2.1653, 0.4523,
0.2795

274.0558, 0.3406,

 0.7010, 0.5224,

0.3198

0.2569

327.8871, 0.3389,
0.3203

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4294, 0.3618,
0.3125

50.4294, 0.3618,
0.3125

41.5684, 0.3870,
0.3065

61.0122, 0.3412,
0.3185

34.3311, 0.4174,
0.3011

73.3940, 0.3245,
0.3243

28.6201, 0.4529,
0.2969

87.6559, 0.3109,
0.3298

24.3250, 0.4924,
0.2949

96.9123, 0.3023,
0.3290

■ 21.3202, 0.5332,
0.2962

■ 19.4577, 0.5710,
0.3013

■ 18.5245, 0.6015,
0.3097

■ 18.4247, 0.6053,
0.3108

Harmonies

Analogous

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



50.4294, 0.3269, 0.2873



50.4294, 0.3618, 0.3125



50.4294, 0.3833, 0.3425

Triad

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



50.4294, 0.3618, 0.3125



50.4294, 0.3326, 0.3943



50.4294, 0.2455, 0.2821

Complementary

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



50.4294, 0.3618, 0.3125



75.0077, 0.2792, 0.3464

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.



50.4294, 0.2469, 0.3087



50.4294, 0.3618, 0.3125



50.4294, 0.2958, 0.3768

Square

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



50.4294, 0.3618, 0.3125



50.4294, 0.3653, 0.3911



50.4294, 0.2648, 0.3441



50.4294, 0.2606, 0.2695

Rectangle

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



50.4294, 0.3618, 0.3125



50.4294, 0.3864, 0.3622



50.4294, 0.2648, 0.3441



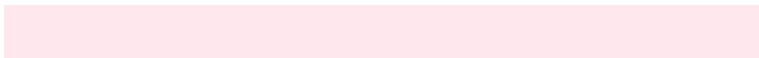
50.4294, 0.2440, 0.2895

Sweetspot

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



50.4317, 0.3618, 0.3125



85.1224, 0.3252, 0.3241



50.4757, 0.3030, 0.2551



17.7413, 0.3274, 0.3232



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.



50.4317, 0.3618, 0.3125



52.9823, 0.3753, 0.3091



57.1013, 0.3702, 0.3493



15.8159, 0.3259, 0.3238



10.2976, 0.6017, 0.3088



0.8711, 0.5656, 0.2890

Inverse Universe

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



50.4317, 0.3618, 0.3125



52.9823, 0.3753, 0.3091



65.8278, 0.2691, 0.3077



15.8159, 0.3259, 0.3238



10.2976, 0.6017, 0.3088



0.8711, 0.5656, 0.2890

Previews

White Background



This preview shows how the Yxy color 50.4294, 0.3618, 0.3125 looks on a white background.

Color Contrast Check

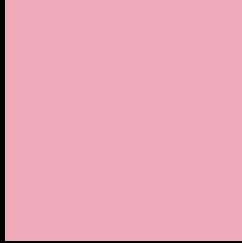
Large Text (above 18pt) WCAG AA × Fail

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 50.4294, 0.3618, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

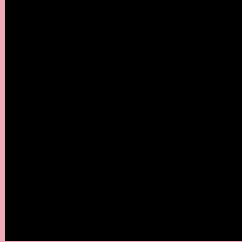
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4294, 0.3618, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 50.4294, 0.3618, 0.3125.



This preview shows how white text looks on a background with the Yxy color 50.4294, 0.3618, 0.3125.

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

50.4294, 0.3618, 0.3125

Protanopia

50.8537, 0.3090, 0.3203

Deuteranopia

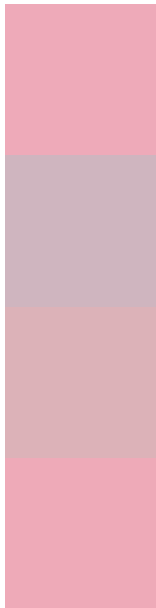
50.4301, 0.3353, 0.3279



Tritanopia

50.3455, 0.3637, 0.3147

Trichromacy



Original Color

50.4294, 0.3618, 0.3125

Protanomaly

50.0747, 0.3270, 0.3170

Deuteranomaly

50.5171, 0.3448, 0.3221

Tritanomaly

50.3873, 0.3628, 0.3136

Monochromacy



Original Color

50.4294, 0.3618, 0.3125

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.5104, 0.3300, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4294, 0.3618, 0.3125 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, 170, 185)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 185)  
}
```

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, 170, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 185) }
```

Border

The CSS property to change the border of an element to Yxy 50.4294, 0.3618, 0.3125 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, 170, 185) }
```

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

```
.border{ border-color:rgb(238, 170, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 170, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 185);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4294, 0.3618, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 185) }
```

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

```
.background{ background-color: rgb(238,  
170, 185) }
```

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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