

Converting Colors

Yxy(51.0823, 0.3515, 0.3008)

Have a look what the booklet for
Yxy(51.0823, 0.3515, 0.3008)
contains.

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Color

Yxy(50.9121, 0.3518, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	EEAAC4
RGB	238, 170, 196
RGB Percent	93%, 67%, 77%
CMY	0.0666, 0.3333, 0.2314
CMYK	0.00, 0.29, 0.18, 0.07
HSL	337°, 67%, 80%
HSV	337°, 29%, 93%
XYZ	59.6036, 50.9121, 58.9089
YIQ	193.2960, 32.1820, 22.5020

Conversions

Conversions Part 2

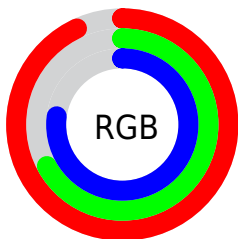
Format	Color
R _Y B	238, 170, 196
Decimal	15641284
CIE Lab	76.63, 28.72, -3.27
CIE LCh	77, 28.908, 353.507
Yxy	50.9121, 0.3518, 0.3005
Android (android.graphics.Color)	4293831364 (0xFFEEAAC4)
YUV	193.2960, 1.3331, 39.2054
Hunter-Lab	71.3527, 24.2405, 0.9970

Details

The Yxy color **50.9121, 0.3518, 0.3005** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74.4620, 0.2851, 0.3596**, and the grayscale version is **53.4911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7446, 0.3153, 0.3028**, and **24.4993, 0.3628, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **42.1469, 0.3714, 0.2901**, and if you desaturate by 10%, it is **61.3631, 0.3356, 0.3109**.

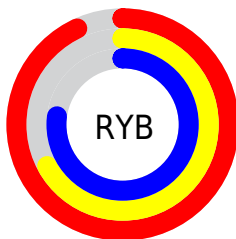
Distribution



Red (93%)

Green (67%)

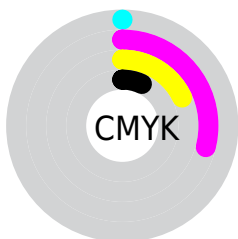
Blue (77%)



Red (93%)

Yellow (67%)

Blue (77%)

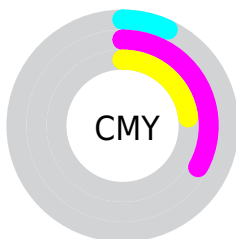


Cyan (0%)

Magenta (29%)

Yellow (18%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9121, 0.3518, 0.3005 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 50.9121, 0.3518, 0.3005 by changing the saturation by 10% instead.


 50.9121, 0.3518,
0.3005

 50.9121, 0.3518,
0.3005


390.2222, 0.3327,
0.3143

 36.1387, 0.3565,
0.2972


 91.5248, 0.3449,
0.3054

 24.5413, 0.3624,
0.2930


118.1329, 0.3423,
0.3073

 15.7356, 0.3701,
0.2875


149.4546, 0.3401,
0.3089

 9.3373, 0.3807,
0.2801

185.8745, 0.3382,
0.3103

 4.9618, 0.3961,
0.2695

227.7767, 0.3366,
0.3115

 2.2249, 0.4202,
0.2532

275.5458, 0.3351,

 0.7335, 0.4648,

0.3125

0.2228

329.5662, 0.3338,
0.3135

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.9121, 0.3518,
0.3005

50.9121, 0.3518,
0.3005

42.1469, 0.3714,
0.2901

61.3631, 0.3356,
0.3109

34.9714, 0.3946,
0.2804

73.5753, 0.3222,
0.3209

29.2904, 0.4216,
0.2723

87.6281, 0.3113,
0.3303

24.9957, 0.4518,
0.2670

96.9090, 0.3025,
0.3292

■ 21.9644, 0.4838,
0.2657

■ 96.9210, 0.3023,
0.3290

■ 20.0512, 0.5157,
0.2696

■ 19.0460, 0.5450,
0.2784

■ 18.9360, 0.5490,
0.2798

Harmonies

Analogous

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



50.9121, 0.3123, 0.2773



50.9121, 0.3518, 0.3005



50.9121, 0.3814, 0.3309

Triad

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



50.9121, 0.3518, 0.3005



50.9121, 0.3479, 0.3997



50.9121, 0.2401, 0.2882

Complementary

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



50.9121, 0.3518, 0.3005



74.4620, 0.2851, 0.3596

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.



50.9121, 0.2483, 0.3210



50.9121, 0.3518, 0.3005



50.9121, 0.3092, 0.3895

Square

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



50.9121, 0.3518, 0.3005



50.9121, 0.3783, 0.3884



50.9121, 0.2730, 0.3593



50.9121, 0.2496, 0.2691

Rectangle

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



50.9121, 0.3518, 0.3005



50.9121, 0.3904, 0.3523



50.9121, 0.2730, 0.3593



50.9121, 0.2408, 0.2979

Sweetspot

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



50.9144, 0.3518, 0.3005



85.3417, 0.3228, 0.3204



48.9113, 0.2947, 0.2532



17.7950, 0.3246, 0.3190



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.



50.9144, 0.3518, 0.3005



53.6140, 0.3622, 0.2947



52.8970, 0.3734, 0.3380



15.8588, 0.3233, 0.3200



10.5855, 0.5449, 0.2775



0.8994, 0.5094, 0.2580

Inverse Universe

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



50.9144, 0.3518, 0.3005



53.6140, 0.3622, 0.2947



71.3613, 0.2703, 0.3197



15.8588, 0.3233, 0.3200



10.5855, 0.5449, 0.2775



0.8994, 0.5094, 0.2580

Previews

White Background



This preview shows how the Yxy color 50.9121, 0.3518, 0.3005 looks on a white background.

Color Contrast Check

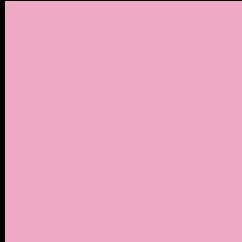
Large Text (above 18pt) WCAG AA × Fail

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 50.9121, 0.3518, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

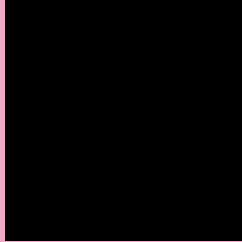
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9121, 0.3518, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 50.9121, 0.3518, 0.3005.



This preview shows how white text looks on a background with the Yxy color 50.9121, 0.3518, 0.3005.

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

50.9121, 0.3518, 0.3005

Protanopia

51.1628, 0.2986, 0.3056

Deuteranopia

51.2530, 0.3242, 0.3182



Tritanopia

51.0124, 0.3605, 0.3147

Trichromacy



Original Color

50.9121, 0.3518, 0.3005

Protanomaly

50.4814, 0.3165, 0.3028

Deuteranomaly

51.0407, 0.3343, 0.3116

Tritanomaly

50.8045, 0.3570, 0.3092

Monochromacy



Original Color

50.9121, 0.3518, 0.3005

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.1483, 0.3259, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9121, 0.3518, 0.3005 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 196) }
```

Border

The CSS property to change the border of an element to Yxy 50.9121, 0.3518, 0.3005 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, 196) }
```

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

```
.border{ border-color:rgb(238, 170, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 196);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9121, 0.3518, 0.3005 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, 196) }
```

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

```
.background{ background-color: rgb(238,  
170, 196) }
```

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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