

Converting Colors

$Y_{xy}(50.4510, 0.3532, 0.2977)$

Have a look what the booklet for
Yxy(50.4510, 0.3532, 0.2977)
contains.

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Color

Yxy(50.5617, 0.3530, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	F0A8C5
RGB	240, 168, 197
RGB Percent	94%, 66%, 77%
CMY	0.0589, 0.3411, 0.2273
CMYK	0.00, 0.30, 0.18, 0.06
HSL	336°, 71%, 80%
HSV	336°, 30%, 94%
XYZ	60.0144, 50.5617, 59.4363
YIQ	192.8340, 33.6030, 24.2830

Conversions

Conversions Part 2

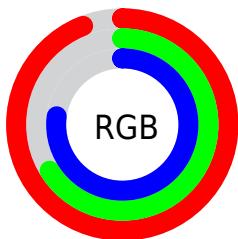
Format	Color
R _Y B	240, 168, 197
Decimal	15771845
CIE Lab	76.41, 30.62, -4.12
CIE LCh	76, 30.898, 352.335
Yxy	50.5617, 0.3530, 0.2974
Android (android.graphics.Color)	4293961925 (0xFFFF0A8C5)
YUV	192.8340, 2.0538, 41.3646
Hunter-Lab	71.1068, 26.2179, 0.2157

Details

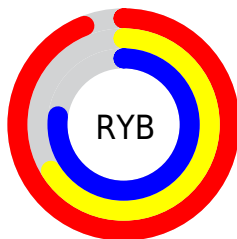
The Yxy color **50.5617, 0.3530, 0.2974** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **75.3386, 0.2847, 0.3632**, and the grayscale version is **53.2006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7271, 0.3148, 0.2999**, and **24.3119, 0.3645, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **41.8792, 0.3724, 0.2865**, and if you desaturate by 10%, it is **60.9463, 0.3369, 0.3084**.

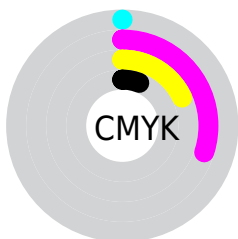
Distribution



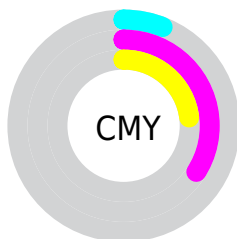
- Red (94%)
- Green (66%)
- Blue (77%)



- Red (94%)
- Yellow (66%)
- Blue (77%)



- Cyan (0%)
- Magenta (30%)
- Yellow (18%)
- Black (6%)




- Cyan (6%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5617, 0.3530, 0.2974 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 50.5617, 0.3530, 0.2974 by changing the saturation by 10% instead.

 50.5617, 0.3530,
0.2974


 50.5617, 0.3530,
0.2974


388.8585, 0.3333,
0.3127

 35.8599, 0.3578,
0.2937


 91.0066, 0.3459,
0.3028

 24.3260, 0.3639,
0.2891


 117.5184, 0.3433,
0.3049

 15.5756, 0.3718,
0.2831


148.7358, 0.3410,
0.3067

 9.2244, 0.3827,
0.2750

185.0430, 0.3390,
0.3082

 4.8878, 0.3985,
0.2634

226.8245, 0.3373,
0.3095

 2.1816, 0.4232,
0.2457

274.4646, 0.3358,

 0.7099, 0.4688,

0.3107

0.2125

328.3478, 0.3345,
0.3118

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5617, 0.3530,
0.2974

50.5617, 0.3530,
0.2974

41.8792, 0.3724,
0.2865

60.9463, 0.3369,
0.3084

34.8001, 0.3952,
0.2765

73.1109, 0.3236,
0.3190

29.2261, 0.4216,
0.2681

87.1370, 0.3127,
0.3290

25.0451, 0.4509,
0.2628

97.2189, 0.3039,
0.3296

■ 22.1292, 0.4818,
0.2618

■ 97.2626, 0.3035,
0.3290

■ 20.3264, 0.5123,
0.2661

■ 19.3818, 0.5405,
0.2751

■ 19.3812, 0.5405,
0.2751

Harmonies

Analogous

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



50.5617, 0.3105, 0.2732



50.5617, 0.3530, 0.2974



50.5617, 0.3855, 0.3294

Triad

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



50.5617, 0.3530, 0.2974



50.5617, 0.3517, 0.4048



50.5617, 0.2352, 0.2863

Complementary

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



50.5617, 0.3530, 0.2974



75.3386, 0.2847, 0.3632

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.



50.5617, 0.2446, 0.3218



50.5617, 0.3530, 0.2974



50.5617, 0.3104, 0.3950

Square

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



50.5617, 0.3530, 0.2974



50.5617, 0.3838, 0.3915



50.5617, 0.2715, 0.3631



50.5617, 0.2446, 0.2655

Rectangle

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



50.5617, 0.3530, 0.2974



50.5617, 0.3957, 0.3522



50.5617, 0.2715, 0.3631



50.5617, 0.2363, 0.2968

Sweetspot

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



50.5640, 0.3530, 0.2974



85.3704, 0.3225, 0.3200



48.0002, 0.2917, 0.2487



17.8021, 0.3242, 0.3185



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.



50.5640, 0.3530, 0.2974



51.7055, 0.3644, 0.2907



51.6252, 0.3782, 0.3359



15.8645, 0.3230, 0.3195



10.6358, 0.5364, 0.2729



0.9040, 0.5017, 0.2538

Inverse Universe

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



50.5640, 0.3530, 0.2974



51.7055, 0.3644, 0.2907



73.4545, 0.2687, 0.3220



15.8645, 0.3230, 0.3195



10.6358, 0.5364, 0.2729



0.9040, 0.5017, 0.2538

Previews

White Background



This preview shows how the Yxy color 50.5617, 0.3530, 0.2974 looks on a white background.

Color Contrast Check

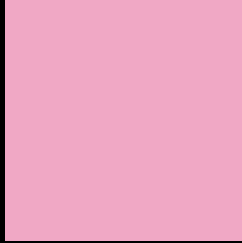
Large Text (above 18pt) WCAG AA × Fail

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 50.5617, 0.3530, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

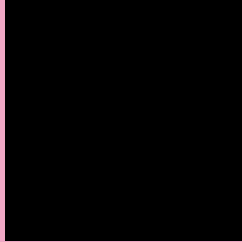
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5617, 0.3530, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 50.5617, 0.3530, 0.2974.



This preview shows how white text looks on a background with the Yxy color 50.5617, 0.3530, 0.2974.

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

50.5617, 0.3530, 0.2974

Protanopia

51.0090, 0.2956, 0.3031

Deuteranopia

50.7412, 0.3227, 0.3158



Tritanopia

50.3455, 0.3637, 0.3147

Trichromacy



Original Color

50.5617, 0.3530, 0.2974

Protanomaly

50.5773, 0.3149, 0.3005

Deuteranomaly

50.6863, 0.3336, 0.3092

Tritanomaly

50.3575, 0.3602, 0.3082

Monochromacy



Original Color

50.5617, 0.3530, 0.2974

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

51.8777, 0.3268, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5617, 0.3530, 0.2974 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, 168, 197)` looks like.

```
.text, #text, p{  
    color:rgb(240, 168, 197)  
}
```

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, 168, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 168, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.5617, 0.3530, 0.2974 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, 168, 197) }
```

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

```
.border{ border-color:rgb(240, 168, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 168, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 168, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 168, 197);  
box-shadow:4px 4px 4px 4px rgb(240, 168,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5617, 0.3530, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 168, 197) }
```

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

```
.background{ background-color: rgb(240,  
168, 197) }
```

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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