

Converting Colors

$Yxy(52.5049, 0.3371, 0.3093)$

Have a look what the booklet for
Yxy(52.5049, 0.3371, 0.3093)
contains.

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Color

Yxy(52.5210, 0.3369, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	E0B4C5
RGB	224, 180, 197
RGB Percent	88%, 71%, 77%
CMY	0.1216, 0.2941, 0.2276
CMYK	0.00, 0.20, 0.12, 0.12
HSL	337°, 41%, 79%
HSV	337°, 20%, 88%
XYZ	57.1338, 52.5210, 59.9319
YIQ	195.0940, 20.7670, 14.6150

Conversions

Conversions Part 2

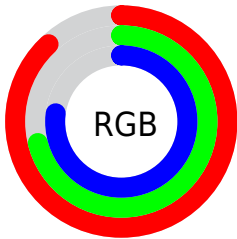
Format	Color
R _Y B	224, 180, 197
Decimal	14726341
CIE Lab	77.59, 18.57, -2.54
CIE LCh	78, 18.739, 352.203
Yxy	52.5210, 0.3369, 0.3097
Android (android.graphics.Color)	4292916421 (0xFFE0B4C5)
YUV	195.0940, 0.9397, 25.3506
Hunter-Lab	72.4714, 13.8979, 1.6987

Details

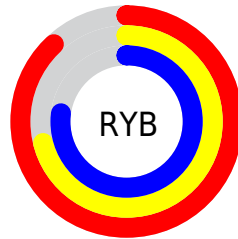
The Yxy color $52.5210, 0.3369, 0.3097$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $67.5155, 0.2935, 0.3492$, and the grayscale version is $54.6171, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4067, 0.3142, 0.3117$, and $25.4867, 0.3433, 0.3050$ is the 20% darker color. If you saturate the color by 10%, you get $43.5956, 0.3533, 0.2993$, and if you desaturate by 10%, it is $62.9700, 0.3234, 0.3198$.

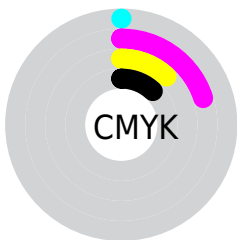
Distribution



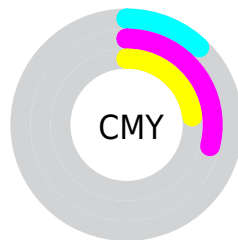
- Red (88%)
- Green (71%)
- Blue (77%)



- Red (88%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (12%)





- Cyan (12%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5210, 0.3369, 0.3097 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 52.5210, 0.3369, 0.3097 by changing the saturation by 10% instead.


 52.5210, 0.3369,
0.3097

 52.5210, 0.3369,
0.3097


396.4447, 0.3251,
0.3191

 37.4205, 0.3398,
0.3074


 93.8992, 0.3327,
0.3130

 25.5333, 0.3434,
0.3046


120.9456, 0.3311,
0.3143

 16.4748, 0.3481,
0.3009


152.7429, 0.3297,
0.3154

 9.8607, 0.3546,
0.2959

189.6753, 0.3285,
0.3163

 5.3067, 0.3640,
0.2887

232.1273, 0.3275,
0.3171

 2.4283, 0.3788,
0.2775

280.4833, 0.3266,

 0.8404, 0.4054,

0.3179

0.2577

335.1276, 0.3258,
0.3185

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5210, 0.3369,
0.3097

52.5210, 0.3369,
0.3097

43.5956, 0.3533,
0.2993

62.9700, 0.3234,
0.3198

36.1152, 0.3730,
0.2889

75.0024, 0.3123,
0.3293

30.0047, 0.3964,
0.2792

88.6833, 0.3033,
0.3382

25.1793, 0.4234,
0.2712

94.3944, 0.2956,
0.3320

■ 21.5449, 0.4535,
0.2661

■ 94.5851, 0.2940,
0.3289

■ 18.9940, 0.4853,
0.2652

■ 17.3995, 0.5167,
0.2693

■ 16.5493, 0.5457,
0.2782

■ 16.5231, 0.5467,
0.2785

Harmonies

Analogous

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



52.5210, 0.3117, 0.2944



52.5210, 0.3369, 0.3097



52.5210, 0.3559, 0.3300

Triad

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



52.5210, 0.3369, 0.3097



52.5210, 0.3369, 0.3738



52.5210, 0.2650, 0.3041

Complementary

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



52.5210, 0.3369, 0.3097



67.5155, 0.2935, 0.3492

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.



52.5210, 0.2712, 0.3256



52.5210, 0.3369, 0.3097



52.5210, 0.3121, 0.3674

Square

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



52.5210, 0.3369, 0.3097



52.5210, 0.3557, 0.3672



52.5210, 0.2882, 0.3492



52.5210, 0.2709, 0.2905

Rectangle

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



52.5210, 0.3369, 0.3097



52.5210, 0.3621, 0.3442



52.5210, 0.2882, 0.3492



52.5210, 0.2658, 0.3106

Sweetspot

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



52.5234, 0.3369, 0.3097



90.0330, 0.3192, 0.3233



51.2082, 0.3007, 0.2783



19.0488, 0.3199, 0.3227



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.



52.5234, 0.3369, 0.3097



64.7853, 0.3440, 0.3050



53.5932, 0.3505, 0.3342



13.7876, 0.3232, 0.3200



9.6398, 0.5428, 0.2764



0.6853, 0.5013, 0.2535

Inverse Universe

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



52.5234, 0.3369, 0.3097



64.7853, 0.3440, 0.3050



66.0572, 0.2831, 0.3237



13.7876, 0.3232, 0.3200



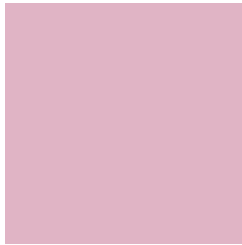
9.6398, 0.5428, 0.2764



0.6853, 0.5013, 0.2535

Previews

White Background



This preview shows how the Yxy color 52.5210, 0.3369, 0.3097 looks on a white background.

Color Contrast Check

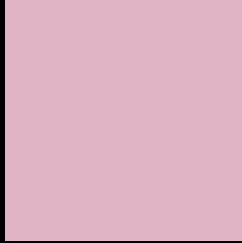
Large Text (above 18pt) WCAG AA × Fail

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 52.5210, 0.3369, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

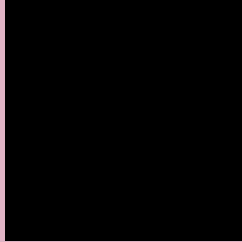
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5210, 0.3369, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 52.5210, 0.3369, 0.3097.



This preview shows how white text looks on a background with the Yxy color 52.5210, 0.3369, 0.3097.

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

52.5210, 0.3369, 0.3097

Protanopia

52.7799, 0.3046, 0.3143

Deuteranopia

52.6586, 0.3241, 0.3172



Tritanopia

52.3849, 0.3394, 0.3130

Trichromacy



Original Color

52.5210, 0.3369, 0.3097

Protanomaly

52.5951, 0.3160, 0.3123

Deuteranomaly

52.5626, 0.3286, 0.3150

Tritanomaly

52.4299, 0.3386, 0.3119

Monochromacy



Original Color

52.5210, 0.3369, 0.3097

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.9342, 0.3213, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5210, 0.3369, 0.3097 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(224, 180, 197)` looks like.

```
.text, #text, p{  
    color:rgb(224, 180, 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(224, 180, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 180, 197) }
```

Border

The CSS property to change the border of an element to Yxy 52.5210, 0.3369, 0.3097 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(224, 180, 197) }
```

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

```
.border{ border-color:rgb(224, 180, 197) }
```

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

Here you see how a box with a 4 pixel rgb(224, 180, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 180, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 180, 197);  
box-shadow:4px 4px 4px 4px rgb(224, 180,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5210, 0.3369, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 180, 197) }
```

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

```
.background{ background-color: rgb(224,  
180, 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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