

Converting Colors

Yxy(52.6560, 0.3436, 0.3160)

Have a look what the booklet for
Yxy(52.6560, 0.3436, 0.3160)
contains.

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Color

Yxy(52.5729, 0.3437, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	E2B4BF
RGB	226, 180, 191
RGB Percent	89%, 71%, 75%
CMY	0.1137, 0.2941, 0.2509
CMYK	0.00, 0.20, 0.15, 0.11
HSL	346°, 44%, 80%
HSV	346°, 20%, 89%
XYZ	57.0910, 52.5729, 56.4432
YIQ	195.0080, 23.8850, 13.1730

Conversions

Conversions Part 2

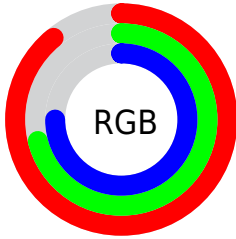
Format	Color
R _Y B	226, 180, 191
Decimal	14857407
CIE Lab	77.62, 18.33, 0.76
CIE LCh	78, 18.343, 2.360
Yxy	52.5729, 0.3437, 0.3165
Android (android.graphics.Color)	4293047487 (0xFFE2B4BF)
YUV	195.0080, -1.9759, 27.1800
Hunter-Lab	72.5072, 13.6606, 4.6007

Details

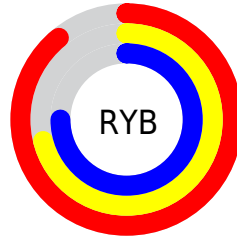
The Yxy color $52.5729, 0.3437, 0.3165$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $69.0008, 0.2888, 0.3419$, and the grayscale version is $54.5816, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.9663, 0.3186, 0.3183$, and $25.5598, 0.3516, 0.3126$ is the 20% darker color. If you saturate the color by 10%, you get $43.4692, 0.3645, 0.3100$, and if you desaturate by 10%, it is $63.2578, 0.3268, 0.3228$.

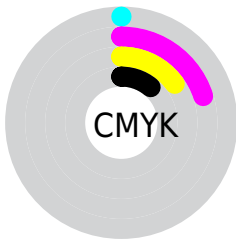
Distribution



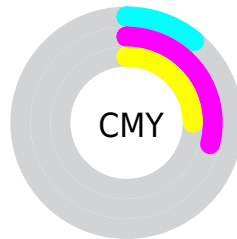
- Red (89%)
- Green (71%)
- Blue (75%)



- Red (89%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5729, 0.3437, 0.3165 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 52.5729, 0.3437, 0.3165 by changing the saturation by 10% instead.


 52.5729, 0.3437,
0.3165

 52.5729, 0.3437,
0.3165


396.6444, 0.3285,
0.3227

 37.4619, 0.3474,
0.3150


 93.9756, 0.3382,
0.3187

 25.5653, 0.3521,
0.3131


121.0361, 0.3362,
0.3196

 16.4988, 0.3583,
0.3105


152.8486, 0.3344,
0.3203

 9.8778, 0.3669,
0.3070

189.7974, 0.3329,
0.3209

 5.3180, 0.3793,
0.3019

232.2670, 0.3316,
0.3214

 2.4350, 0.3990,
0.2936

280.6418, 0.3304,

 0.8438, 0.4354,

0.3219

0.2786

335.3061, 0.3294,
0.3223

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5729, 0.3437,
0.3165

52.5729, 0.3437,
0.3165

43.4692, 0.3645,
0.3100

63.2578, 0.3268,
0.3228

35.8645, 0.3898,
0.3035

75.5868, 0.3131,
0.3288

29.6799, 0.4201,
0.2977

89.6280, 0.3021,
0.3343

24.8266, 0.4552,
0.2934

94.9085, 0.2952,
0.3289

■ 21.2055, 0.4940,
0.2916

■ 18.7035, 0.5337,
0.2933

■ 17.1865, 0.5703,
0.2991

■ 16.4364, 0.5992,
0.3074

Harmonies

Analogous

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



52.5729, 0.3203, 0.2994



52.5729, 0.3437, 0.3165



52.5729, 0.3588, 0.3371

Triad

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



52.5729, 0.3437, 0.3165



52.5729, 0.3285, 0.3721



52.5729, 0.2667, 0.2991

Complementary

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



52.5729, 0.3437, 0.3165



69.0008, 0.2888, 0.3419

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.



52.5729, 0.2687, 0.3180



52.5729, 0.3437, 0.3165



52.5729, 0.3038, 0.3616

Square

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



52.5729, 0.3437, 0.3165



52.5729, 0.3496, 0.3699



52.5729, 0.2821, 0.3412



52.5729, 0.2763, 0.2891

Rectangle

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



52.5729, 0.3437, 0.3165



52.5729, 0.3617, 0.3506



52.5729, 0.2821, 0.3412



52.5729, 0.2660, 0.3046

Sweetspot

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



52.5753, 0.3437, 0.3165



89.8969, 0.3206, 0.3255



52.5064, 0.3057, 0.2771



19.0167, 0.3215, 0.3251



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.



52.5753, 0.3437, 0.3165



64.3317, 0.3511, 0.3140



56.9451, 0.3506, 0.3422



13.7541, 0.3255, 0.3234



9.3926, 0.5954, 0.3053



0.6650, 0.5516, 0.2813

Inverse Universe

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



52.5753, 0.3437, 0.3165



64.3317, 0.3511, 0.3140



63.5413, 0.2815, 0.3154



13.7541, 0.3255, 0.3234



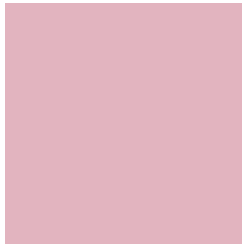
9.3926, 0.5954, 0.3053



0.6650, 0.5516, 0.2813

Previews

White Background



This preview shows how the Yxy color 52.5729, 0.3437, 0.3165 looks on a white background.

Color Contrast Check

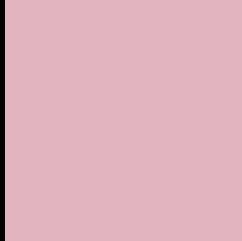
Large Text (above 18pt) WCAG AA × Fail

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 52.5729, 0.3437, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

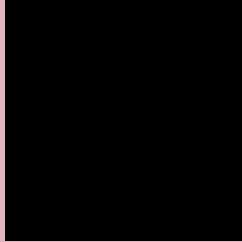
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5729, 0.3437, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 52.5729, 0.3437, 0.3165.



This preview shows how white text looks on a background with the Yxy color 52.5729, 0.3437, 0.3165.

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

52.5729, 0.3437, 0.3165

Protanopia

52.7622, 0.3106, 0.3216

Deuteranopia

52.6844, 0.3307, 0.3243



Tritanopia

52.7063, 0.3412, 0.3131

Trichromacy



Original Color

52.5729, 0.3437, 0.3165

Protanomaly

52.6026, 0.3223, 0.3195

Deuteranomaly

52.5976, 0.3352, 0.3220

Tritanomaly

52.6615, 0.3420, 0.3143

Monochromacy



Original Color

52.5729, 0.3437, 0.3165

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.8438, 0.3228, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5729, 0.3437, 0.3165 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(226, 180, 191)` looks like.

```
.text, #text, p{  
    color:rgb(226, 180, 191)  
}
```

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(226, 180, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 180, 191) }
```

Border

The CSS property to change the border of an element to Yxy 52.5729, 0.3437, 0.3165 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(226, 180, 191) }
```

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

```
.border{ border-color:rgb(226, 180, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 180, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 180, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 180, 191);  
box-shadow:4px 4px 4px 4px rgb(226, 180,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5729, 0.3437, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 180, 191) }
```

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

```
.background{ background-color: rgb(226,  
180, 191) }
```

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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