

Converting Colors

$Yxy(52.5887, 0.3418, 0.3120)$

Have a look what the booklet for
Yxy(52.5887, 0.3418, 0.3120)
contains.

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Color

Yxy(52.4661, 0.3422, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	E3B3C2
RGB	227, 179, 194
RGB Percent	89%, 70%, 76%
CMY	0.1097, 0.2981, 0.2391
CMYK	0.00, 0.21, 0.15, 0.11
HSL	341°, 46%, 80%
HSV	341°, 21%, 89%
XYZ	57.5445, 52.4661, 58.1499
YIQ	195.0620, 23.7930, 14.8410

Conversions

Conversions Part 2

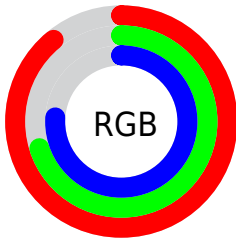
Format	Color
R _Y B	227, 179, 194
Decimal	14922690
CIE Lab	77.56, 19.71, -0.96
CIE LCh	78, 19.738, 357.220
Yxy	52.4661, 0.3422, 0.3120
Android (android.graphics.Color)	4293112770 (0xFFE3B3C2)
YUV	195.0620, -0.5236, 28.0096
Hunter-Lab	72.4335, 15.0501, 3.1052

Details

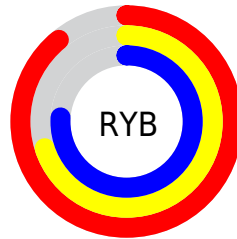
The Yxy color **52.4661, 0.3422, 0.3120** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.2876, 0.2900, 0.3467**, and the grayscale version is **54.6077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5788, 0.3167, 0.3145**, and **25.4731, 0.3507, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **43.4411, 0.3612, 0.3035**, and if you desaturate by 10%, it is **63.0674, 0.3267, 0.3203**.

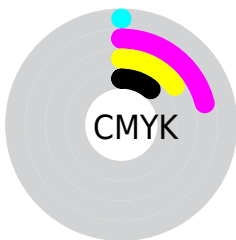
Distribution



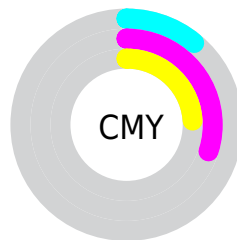
- Red (89%)
- Green (70%)
- Blue (76%)



- Red (89%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (11%)





- Cyan (11%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4661, 0.3422, 0.3120 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 52.4661, 0.3422, 0.3120 by changing the saturation by 10% instead.

 52.4661, 0.3422,
0.3120

 52.4661, 0.3422,
0.3120


396.2334, 0.3278,
0.3203

 37.3767, 0.3457,
0.3100


 93.8183, 0.3370,
0.3150

 25.4993, 0.3502,
0.3074


120.8499, 0.3351,
0.3161

 16.4494, 0.3560,
0.3041

152.6310, 0.3334,
0.3171

 9.8428, 0.3641,
0.2995

189.5460, 0.3320,
0.3179

 5.2948, 0.3757,
0.2930

231.9794, 0.3307,
0.3186

 2.4213, 0.3941,
0.2826

280.3155, 0.3296,

 0.8368, 0.4276,

0.3192

0.2639

334.9387, 0.3286,
0.3198

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.4661, 0.3422,
0.3120

52.4661, 0.3422,
0.3120

43.4411, 0.3612,
0.3035

63.0674, 0.3267,
0.3203

35.9099, 0.3841,
0.2951

75.3084, 0.3140,
0.3281

29.7930, 0.4114,
0.2875

89.2574, 0.3037,
0.3354

25.0008, 0.4430,
0.2816

95.0750, 0.2958,
0.3290

■ 21.4331, 0.4778,
0.2786

■ 18.9756, 0.5139,
0.2797

■ 17.4917, 0.5482,
0.2856

■ 16.7909, 0.5749,
0.2941

Harmonies

Analogous

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



52.4661, 0.3162, 0.2948



52.4661, 0.3422, 0.3120



52.4661, 0.3605, 0.3338

Triad

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



52.4661, 0.3422, 0.3120



52.4661, 0.3340, 0.3761



52.4661, 0.2627, 0.2996

Complementary

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



52.4661, 0.3422, 0.3120



69.2876, 0.2900, 0.3467

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.



52.4661, 0.2671, 0.3212



52.4661, 0.3422, 0.3120



52.4661, 0.3076, 0.3671

Square

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



52.4661, 0.3422, 0.3120



52.4661, 0.3554, 0.3712



52.4661, 0.2832, 0.3463



52.4661, 0.2710, 0.2871

Rectangle

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



52.4661, 0.3422, 0.3120



52.4661, 0.3654, 0.3485



52.4661, 0.2832, 0.3463



52.4661, 0.2628, 0.3060

Sweetspot

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



52.4685, 0.3422, 0.3120



89.9651, 0.3199, 0.3244



51.7541, 0.3028, 0.2745



19.0328, 0.3207, 0.3239



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.



52.4685, 0.3422, 0.3120



63.3443, 0.3493, 0.3086



55.4697, 0.3532, 0.3392



14.4420, 0.3243, 0.3217



9.8086, 0.5710, 0.2919



0.7411, 0.5295, 0.2690

Inverse Universe

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



52.4685, 0.3422, 0.3120



63.3443, 0.3493, 0.3086



65.3868, 0.2806, 0.3186



14.4420, 0.3243, 0.3217



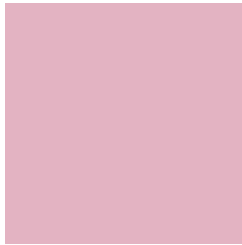
9.8086, 0.5710, 0.2919



0.7411, 0.5295, 0.2690

Previews

White Background



This preview shows how the Yxy color 52.4661, 0.3422, 0.3120 looks on a white background.

Color Contrast Check

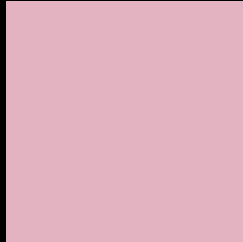
Large Text (above 18pt) WCAG AA × Fail

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 52.4661, 0.3422, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

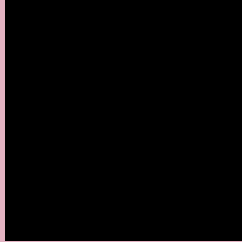
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4661, 0.3422, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 52.4661, 0.3422, 0.3120.



This preview shows how white text looks on a background with the Yxy color 52.4661, 0.3422, 0.3120.

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

52.4661, 0.3422, 0.3120

Protanopia

52.8161, 0.3069, 0.3168

Deuteranopia

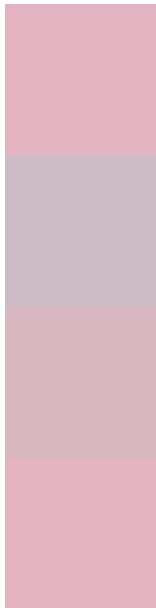
52.6697, 0.3274, 0.3207



Tritanopia

52.4213, 0.3431, 0.3132

Trichromacy



Original Color

52.4661, 0.3422, 0.3120

Protanomaly

52.5970, 0.3191, 0.3159

Deuteranomaly

52.3162, 0.3329, 0.3174

Tritanomaly

52.4213, 0.3431, 0.3132

Monochromacy



Original Color

52.4661, 0.3422, 0.3120

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6007, 0.3230, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4661, 0.3422, 0.3120 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(227, 179, 194)` looks like.

```
.text, #text, p{  
  color:rgb(227, 179, 194)  
}
```

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(227, 179, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 179, 194) }
```

Border

The CSS property to change the border of an element to Yxy 52.4661, 0.3422, 0.3120 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(227, 179, 194) }
```

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

```
.border{ border-color:rgb(227, 179, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 179, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 179, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 179, 194);  
box-shadow:4px 4px 4px 4px rgb(227, 179,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4661, 0.3422, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 179, 194) }
```

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

```
.background{ background-color: rgb(227,  
179, 194) }
```

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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