

Converting Colors

$Yxy(52.1188, 0.3536, 0.3220)$

Have a look what the booklet for
Yxy(52.1188, 0.3536, 0.3220)
contains.

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Color

Yxy(52.1245, 0.3537, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	E6B2B8
RGB	230, 178, 184
RGB Percent	90%, 70%, 72%
CMY	0.0981, 0.3019, 0.2784
CMYK	0.00, 0.23, 0.20, 0.10
HSL	353°, 51%, 80%
HSV	353°, 23%, 90%
XYZ	57.2027, 52.1245, 52.3994
YIQ	194.2320, 29.0660, 12.8900

Conversions

Conversions Part 2

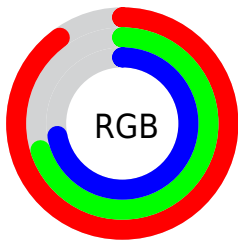
Format	Color
R _Y B	230, 178, 184
Decimal	15119032
CIE Lab	77.36, 19.75, 4.23
CIE LCh	77, 20.200, 12.080
Yxy	52.1245, 0.3537, 0.3223
Android (android.graphics.Color)	4293309112 (0xFFE6B2B8)
YUV	194.2320, -5.0444, 31.3685
Hunter-Lab	72.1973, 15.0822, 7.5065

Details

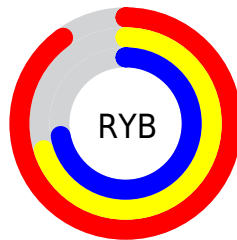
The Yxy color **52.1245, 0.3537, 0.3223** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.4331, 0.2826, 0.3359**, and the grayscale version is **54.1120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3969, 0.3231, 0.3232**, and **25.3046, 0.3655, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **42.9358, 0.3793, 0.3192**, and if you desaturate by 10%, it is **62.9750, 0.3330, 0.3254**.

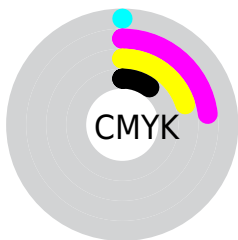
Distribution



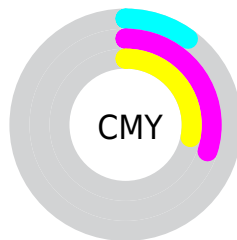
- Red (90%)
- Green (70%)
- Blue (72%)



- Red (90%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (10%)




- Cyan (10%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1245, 0.3537, 0.3223 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 52.1245, 0.3537, 0.3223 by changing the saturation by 10% instead.


 52.1245, 0.3537,
0.3223

 52.1245, 0.3537,
0.3223


394.9171, 0.3335,
0.3258

 37.1043, 0.3587,
0.3214


 93.3148, 0.3464,
0.3236

 25.2883, 0.3650,
0.3202


120.2538, 0.3437,
0.3241

 16.2920, 0.3733,
0.3185

151.9344, 0.3413,
0.3245

 9.7310, 0.3848,
0.3162

188.7412, 0.3393,
0.3248

 5.2210, 0.4016,
0.3126

231.0584, 0.3376,
0.3251

 2.3775, 0.4284,
0.3063

279.2705, 0.3360,

 0.8143, 0.4858,

0.3254

0.2979

333.7620, 0.3347,
0.3256

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.1245, 0.3537,
0.3223

52.1245, 0.3537,
0.3223

42.9358, 0.3793,
0.3192

62.9750, 0.3330,
0.3254

35.3199, 0.4106,
0.3162

75.5560, 0.3165,
0.3283

29.1908, 0.4479,
0.3138

89.9412, 0.3031,
0.3310

24.4509, 0.4904,
0.3124

95.5607, 0.2976,
0.3290

■ 20.9914, 0.5354,
0.3127

■ 18.6868, 0.5777,
0.3151

■ 17.3866, 0.6112,
0.3197

■ 16.8978, 0.6280,
0.3233

Harmonies

Analogous

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



52.1245, 0.3300, 0.3018



52.1245, 0.3537, 0.3223



52.1245, 0.3661, 0.3452

Triad

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



52.1245, 0.3537, 0.3223



52.1245, 0.3213, 0.3746



52.1245, 0.2641, 0.2912

Complementary

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



52.1245, 0.3537, 0.3223



71.4331, 0.2826, 0.3359

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.



52.1245, 0.2621, 0.3091



52.1245, 0.3537, 0.3223



52.1245, 0.2943, 0.3587

Square

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



52.1245, 0.3537, 0.3223



52.1245, 0.3467, 0.3765



52.1245, 0.2730, 0.3340



52.1245, 0.2785, 0.2840

Rectangle

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



52.1245, 0.3537, 0.3223



52.1245, 0.3660, 0.3591



52.1245, 0.2730, 0.3340



52.1245, 0.2620, 0.2961

Sweetspot

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



52.1269, 0.3537, 0.3223



88.1598, 0.3234, 0.3270



53.3923, 0.3104, 0.2720



18.6625, 0.3244, 0.3268



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.



52.1269, 0.3537, 0.3223



60.3406, 0.3647, 0.3209



60.3937, 0.3541, 0.3515



14.3949, 0.3274, 0.3263



9.5769, 0.6256, 0.3220



0.7167, 0.5952, 0.3052

Inverse Universe

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



52.1269, 0.3537, 0.3223



60.3406, 0.3647, 0.3209



61.3025, 0.2775, 0.3054



14.3949, 0.3274, 0.3263



9.5769, 0.6256, 0.3220



0.7167, 0.5952, 0.3052

Previews

White Background



This preview shows how the Yxy color 52.1245, 0.3537, 0.3223 looks on a white background.

Color Contrast Check

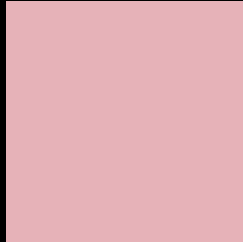
Large Text (above 18pt) WCAG AA × Fail

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 52.1245, 0.3537, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

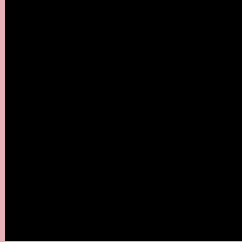
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1245, 0.3537, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 52.1245, 0.3537, 0.3223.



This preview shows how white text looks on a background with the Yxy color 52.1245, 0.3537, 0.3223.

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

52.1245, 0.3537, 0.3223

Protanopia

52.1906, 0.3160, 0.3278

Deuteranopia

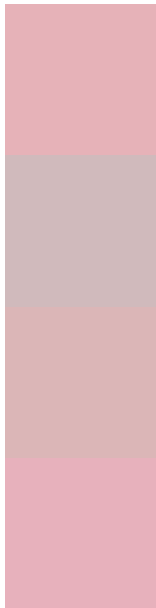
52.2630, 0.3383, 0.3315



Tritanopia

52.1948, 0.3487, 0.3133

Trichromacy



Original Color

52.1245, 0.3537, 0.3223

Protanomaly

52.1585, 0.3297, 0.3267

Deuteranomaly

51.9349, 0.3440, 0.3279

Tritanomaly

52.0640, 0.3513, 0.3167

Monochromacy



Original Color

52.1245, 0.3537, 0.3223

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.9495, 0.3270, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1245, 0.3537, 0.3223 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(230, 178, 184)` looks like.

```
.text, #text, p{  
    color:rgb(230, 178, 184)  
}
```

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(230, 178, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 178, 184) }
```

Border

The CSS property to change the border of an element to Yxy 52.1245, 0.3537, 0.3223 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(230, 178, 184) }
```

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

```
.border{ border-color:rgb(230, 178, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 178, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 178, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 178, 184);  
box-shadow:4px 4px 4px 4px rgb(230, 178,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1245, 0.3537, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 178, 184) }
```

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

```
.background{ background-color: rgb(230,  
178, 184) }
```

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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