

Converting Colors

$Yxy(53.8215, 0.3396, 0.3167)$

Have a look what the booklet for
Yxy(53.8215, 0.3396, 0.3167)
contains.

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Color

Yxy(53.7696, 0.3398, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	E1B7C2
RGB	225, 183, 194
RGB Percent	88%, 72%, 76%
CMY	0.1176, 0.2824, 0.2391
CMYK	0.00, 0.19, 0.14, 0.12
HSL	344°, 41%, 80%
HSV	344°, 19%, 88%
XYZ	57.7280, 53.7696, 58.3906
YIQ	196.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

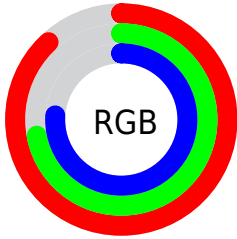
Format	Color
R _Y B	225, 183, 194
Decimal	14792642
CIE Lab	78.33, 16.85, 0.14
CIE LCh	78, 16.852, 0.490
Yxy	53.7696, 0.3398, 0.3165
Android (android.graphics.Color)	4292982722 (0xFFE1B7C2)
YUV	196.8120, -1.3863, 24.7209
Hunter-Lab	73.3278, 12.2023, 4.1171

Details

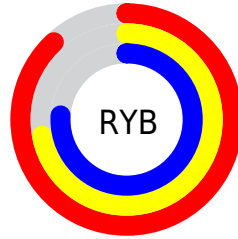
The Yxy color **53.7696, 0.3398, 0.3165** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7794, 0.2913, 0.3419**, and the grayscale version is **55.7171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8951, 0.3165, 0.3184**, and **26.2937, 0.3473, 0.3140** is the 20% darker color. If you saturate the color by 10%, you get **44.5154, 0.3592, 0.3094**, and if you desaturate by 10%, it is **64.5957, 0.3240, 0.3234**.

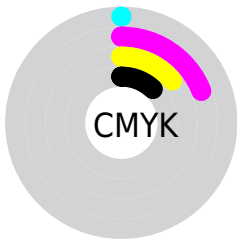
Distribution



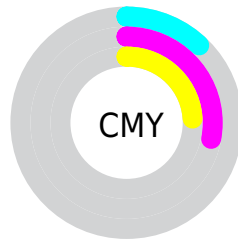
- Red (88%)
- Green (72%)
- Blue (76%)



- Red (88%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (12%)





- Cyan (12%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7696, 0.3398, 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 53.7696, 0.3398, 0.3165 by changing the saturation by 10% instead.


 53.7696, 0.3398,
0.3165

 53.7696, 0.3398,
0.3165

401.2308, 0.3266,
0.3226

 38.4175, 0.3430,
0.3150


 95.7359, 0.3351,
0.3187

 26.3069, 0.3471,
0.3131


123.1188, 0.3333,
0.3195

 17.0534, 0.3524,
0.3106


155.2808, 0.3317,
0.3202

 10.2725, 0.3597,
0.3073

192.6063, 0.3304,
0.3208

 5.5800, 0.3703,
0.3023

235.4797, 0.3293,
0.3214

 2.5914, 0.3870,
0.2946

284.2853, 0.3283,

 0.9224, 0.4170,

0.3218

0.2806

339.4075, 0.3274,
0.3223

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7696, 0.3398,
0.3165

53.7696, 0.3398,
0.3165

44.5154, 0.3592,
0.3094

64.5957, 0.3240,
0.3234

36.7528, 0.3829,
0.3022

77.0548, 0.3112,
0.3298

30.4052, 0.4113,
0.2957

91.2134, 0.3007,
0.3358

25.3864, 0.4445,
0.2905

94.7499, 0.2946,
0.3289

■ 21.6007, 0.4815,
0.2877

■ 18.9393, 0.5203,
0.2885

■ 17.2743, 0.5571,
0.2935

■ 16.4146, 0.5883,
0.3023

■ 16.3264, 0.5920,
0.3035

Harmonies

Analogous

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



53.7696, 0.3183, 0.3011



53.7696, 0.3398, 0.3165



53.7696, 0.3541, 0.3354

Triad

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



53.7696, 0.3398, 0.3165



53.7696, 0.3286, 0.3684



53.7696, 0.2704, 0.3026

Complementary

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



53.7696, 0.3398, 0.3165



68.7794, 0.2913, 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.



53.7696, 0.2730, 0.3203



53.7696, 0.3398, 0.3165



53.7696, 0.3060, 0.3595

Square

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



53.7696, 0.3398, 0.3165



53.7696, 0.3473, 0.3658



53.7696, 0.2858, 0.3414



53.7696, 0.2786, 0.2928

Rectangle

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



53.7696, 0.3398, 0.3165



53.7696, 0.3574, 0.3477



53.7696, 0.2858, 0.3414



53.7696, 0.2700, 0.3078

Sweetspot

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



53.7720, 0.3398, 0.3165



89.9181, 0.3204, 0.3251



53.5704, 0.3059, 0.2815



19.0217, 0.3212, 0.3247



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.



53.7720, 0.3398, 0.3165



66.8969, 0.3461, 0.3140



57.4808, 0.3471, 0.3403



13.7593, 0.3251, 0.3229



9.4230, 0.5882, 0.3014



0.6677, 0.5440, 0.2771

Inverse Universe

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



53.7720, 0.3398, 0.3165



66.8969, 0.3461, 0.3140



64.2121, 0.2841, 0.3174



13.7593, 0.3251, 0.3229



9.4230, 0.5882, 0.3014



0.6677, 0.5440, 0.2771

Previews

White Background



This preview shows how the Yxy color 53.7696, 0.3398, 0.3165 looks on a white background.

Color Contrast Check

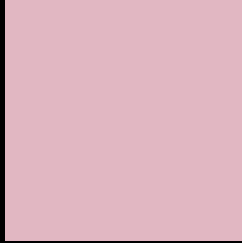
Large Text (above 18pt) WCAG AA × Fail

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 53.7696, 0.3398, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

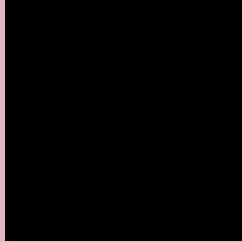
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7696, 0.3398, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 53.7696, 0.3398, 0.3165.



This preview shows how white text looks on a background with the Yxy color 53.7696, 0.3398, 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

53.7696, 0.3398, 0.3165

Protanopia

54.0458, 0.3099, 0.3205

Deuteranopia

53.9628, 0.3297, 0.3232



Tritanopia

53.9057, 0.3373, 0.3132

Trichromacy



Original Color

53.7696, 0.3398, 0.3165

Protanomaly

53.7378, 0.3206, 0.3183

Deuteranomaly

53.7198, 0.3333, 0.3209

Tritanomaly

53.8600, 0.3381, 0.3143

Monochromacy



Original Color

53.7696, 0.3398, 0.3165

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.9502, 0.3219, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7696, 0.3398, 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(225, 183, 194)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 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(225, 183, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 194) }
```

Border

The CSS property to change the border of an element to Yxy 53.7696, 0.3398, 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(225, 183, 194) }
```

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

```
.border{ border-color:rgb(225, 183, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 194);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7696, 0.3398, 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(225, 183, 194) }
```

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

```
.background{ background-color: rgb(225,  
183, 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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