

Converting Colors

$Yxy(53.5106, 0.3459, 0.3254)$

Have a look what the booklet for
Yxy(53.5106, 0.3459, 0.3254)
contains.

Yxy(53.4197, 0.3466, 0.3257)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.4197, 0.3466, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	E1B7BA
RGB	225, 183, 186
RGB Percent	88%, 72%, 73%
CMY	0.1176, 0.2823, 0.2707
CMYK	0.00, 0.19, 0.17, 0.12
HSL	356°, 41%, 80%
HSV	356°, 19%, 88%
XYZ	56.8476, 53.4197, 53.7477
YIQ	195.9000, 24.0690, 9.8370

Conversions

Conversions Part 2

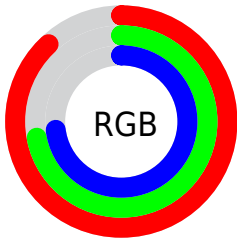
Format	Color
R _Y B	225, 183, 186
Decimal	14792634
CIE Lab	78.12, 15.57, 4.22
CIE LCh	78, 16.133, 15.152
Yxy	53.4197, 0.3466, 0.3257
Android (android.graphics.Color)	4292982714 (0xFFE1B7BA)
YUV	195.9000, -4.8807, 25.5207
Hunter-Lab	73.0888, 10.9299, 7.5617

Details

The Yxy color $53.4197, 0.3466, 0.3257$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $69.2028, 0.2865, 0.3324$, and the grayscale version is $55.1587, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.4038, 0.3215, 0.3261$, and $26.0937, 0.3555, 0.3246$ is the 20% darker color. If you saturate the color by 10%, you get $44.0444, 0.3714, 0.3238$, and if you desaturate by 10%, it is $64.4139, 0.3267, 0.3275$.

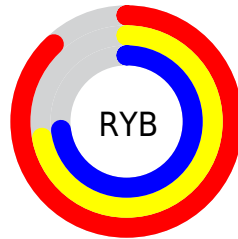
Distribution



Red (88%)

Green (72%)

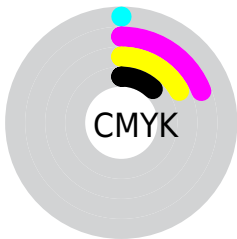
Blue (73%)



Red (88%)

Yellow (72%)

Blue (73%)

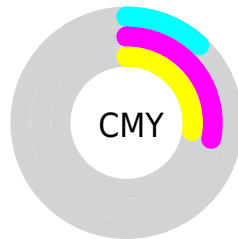


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (12%)



Cyan (12%)

Magenta (28%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4197, 0.3466, 0.3257 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 53.4197, 0.3466, 0.3257 by changing the saturation by 10% instead.


 53.4197, 0.3466,
0.3257

 53.4197, 0.3466,
0.3257


399.8933, 0.3300,
0.3275

 38.1379, 0.3507,
0.3252


 95.2217, 0.3406,
0.3264

 26.0898, 0.3558,
0.3246


122.5106, 0.3383,
0.3266

 16.8908, 0.3627,
0.3237


154.5708, 0.3364,
0.3268

 10.1567, 0.3720,
0.3224

191.7866, 0.3348,
0.3270

 5.5030, 0.3856,
0.3204

234.5423, 0.3333,
0.3272

 2.5453, 0.4072,
0.3168

283.2224, 0.3321,

 0.8992, 0.4507,

0.3273

0.3120

338.2112, 0.3309,
0.3274

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.4197, 0.3466,
0.3257

53.4197, 0.3466,
0.3257

44.0444, 0.3714,
0.3238

64.4139, 0.3267,
0.3275

36.2047, 0.4019,
0.3220

77.0906, 0.3108,
0.3292

29.8210, 0.4387,
0.3204

91.5191, 0.2980,
0.3308

24.8035, 0.4814,
0.3194

94.7498, 0.2946,
0.3289

■ 21.0524, 0.5276,
0.3194

■ 18.4545, 0.5723,
0.3206

■ 16.8765, 0.6088,
0.3232

■ 16.1206, 0.6318,
0.3264

■ 16.0468, 0.6339,
0.3266

Harmonies

Analogous

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



53.4197, 0.3286, 0.3088



53.4197, 0.3466, 0.3257



53.4197, 0.3552, 0.3440

Triad

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



53.4197, 0.3466, 0.3257



53.4197, 0.3175, 0.3639



53.4197, 0.2747, 0.2980

Complementary

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



53.4197, 0.3466, 0.3257



69.2028, 0.2865, 0.3324

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.



53.4197, 0.2720, 0.3117



53.4197, 0.3466, 0.3257



53.4197, 0.2962, 0.3505

Square

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



53.4197, 0.3466, 0.3257



53.4197, 0.3380, 0.3669



53.4197, 0.2798, 0.3310



53.4197, 0.2872, 0.2929

Rectangle

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



53.4197, 0.3466, 0.3257



53.4197, 0.3544, 0.3548



53.4197, 0.2798, 0.3310



53.4197, 0.2726, 0.3017

Sweetspot

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



53.4221, 0.3466, 0.3257



89.7413, 0.3222, 0.3280



54.7586, 0.3121, 0.2824



18.9800, 0.3233, 0.3279



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.



53.4221, 0.3466, 0.3257



66.3655, 0.3546, 0.3251



60.9733, 0.3455, 0.3489



13.7161, 0.3281, 0.3274



9.2518, 0.6322, 0.3256



0.6469, 0.6105, 0.3137

Inverse Universe

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



53.4221, 0.3466, 0.3257



66.3655, 0.3546, 0.3251



60.3780, 0.2836, 0.3082



13.7161, 0.3281, 0.3274



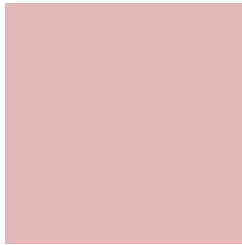
9.2518, 0.6322, 0.3256



0.6469, 0.6105, 0.3137

Previews

White Background



This preview shows how the Yxy color 53.4197, 0.3466, 0.3257 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 53.4197, 0.3466, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

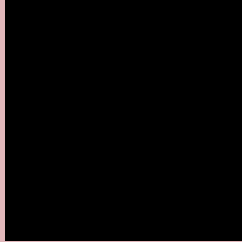
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4197, 0.3466, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 53.4197, 0.3466, 0.3257.



This preview shows how white text looks on a background with the Yxy color 53.4197, 0.3466, 0.3257.

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

53.4197, 0.3466, 0.3257

Protanopia

53.7718, 0.3175, 0.3315

Deuteranopia

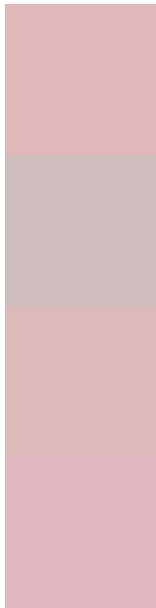
53.4905, 0.3380, 0.3314



Tritanopia

53.2020, 0.3393, 0.3120

Trichromacy



Original Color

53.4197, 0.3466, 0.3257

Protanomaly

53.3347, 0.3277, 0.3290

Deuteranomaly

53.6807, 0.3416, 0.3303

Tritanomaly

53.4304, 0.3425, 0.3177

Monochromacy



Original Color

53.4197, 0.3466, 0.3257

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3328, 0.3251, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4197, 0.3466, 0.3257 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 186) }
```

Border

The CSS property to change the border of an element to Yxy 53.4197, 0.3466, 0.3257 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, 186) }
```

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

```
.border{ border-color:rgb(225, 183, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 186);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4197, 0.3466, 0.3257 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, 186) }
```

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

```
.background{ background-color: rgb(225,  
183, 186) }
```

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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