

Converting Colors

Yxy(57.4678, 0.3467, 0.3244)

Have a look what the booklet for
Yxy(57.4678, 0.3467, 0.3244)
contains.

Yxy(57.5691, 0.3464, 0.3247)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.5691, 0.3464, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	E9BDC1
RGB	233, 189, 193
RGB Percent	91%, 74%, 76%
CMY	0.0864, 0.2587, 0.2432
CMYK	0.00, 0.19, 0.17, 0.09
HSL	355°, 50%, 83%
HSV	355°, 19%, 91%
XYZ	61.4165, 57.5691, 58.3138
YIQ	202.6120, 24.9400, 10.5720

Conversions

Conversions Part 2

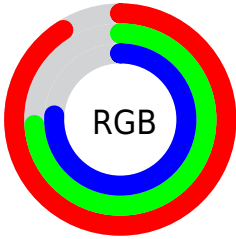
Format	Color
R _Y B	233, 189, 193
Decimal	15318465
CIE Lab	80.50, 16.32, 3.96
CIE LCh	80, 16.798, 13.632
Yxy	57.5691, 0.3464, 0.3247
Android (android.graphics.Color)	4293508545 (0xFFE9BDC1)
YUV	202.6120, -4.7387, 26.6503
Hunter-Lab	75.8743, 11.7069, 7.5442

Details

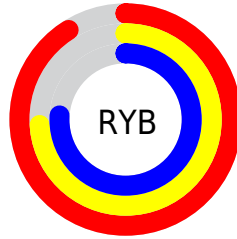
The Yxy color $57.5691, 0.3464, 0.3247$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $74.7365, 0.2867, 0.3334$, and the grayscale version is $59.4827, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.4044, 0.3168, 0.3252$, and $28.8489, 0.3549, 0.3233$ is the 20% darker color. If you saturate the color by 10%, you get $47.4606, 0.3708, 0.3223$, and if you desaturate by 10%, it is $69.4282, 0.3268, 0.3271$.

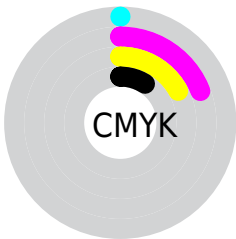
Distribution



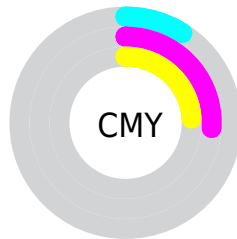
- Red (91%)
- Green (74%)
- Blue (76%)



- Red (91%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (17%)
- Black (9%)





- Cyan (9%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5691, 0.3464, 0.3247 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 57.5691, 0.3464, 0.3247 by changing the saturation by 10% instead.


 57.5691, 0.3464,
0.3247

 57.5691, 0.3464,
0.3247


415.5784, 0.3301,
0.3269

 41.4623, 0.3503,
0.3241


 101.2951, 0.3406,
0.3255

 28.6805, 0.3553,
0.3234


129.6831, 0.3384,
0.3258

 18.8393, 0.3618,
0.3224


162.9337, 0.3365,
0.3261

 11.5542, 0.3706,
0.3209

201.4312, 0.3348,
0.3263

 6.4409, 0.3832,
0.3187

245.5600, 0.3334,
0.3265

 3.1150, 0.4027,
0.3151

295.7045, 0.3322,

 1.1921, 0.4368,

0.3267

0.3078

352.2492, 0.3311,
0.3268

0.0552, 0.8909,
0.1091

0.0000, 0.0000,
0.0000

57.5691, 0.3464,
0.3247

57.5691, 0.3464,
0.3247

47.4606, 0.3708,
0.3223

69.4282, 0.3268,
0.3271

39.0124, 0.4008,
0.3199

83.1071, 0.3111,
0.3292

32.1381, 0.4371,
0.3179

96.0575, 0.2993,
0.3290

26.7402, 0.4791,
0.3165

■ 22.7103, 0.5247,
0.3164

■ 19.9255, 0.5691,
0.3178

■ 18.2403, 0.6059,
0.3211

■ 17.4385, 0.6298,
0.3251

■ 17.3716, 0.6318,
0.3254

Harmonies

Analogous

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



57.5691, 0.3278, 0.3077



57.5691, 0.3464, 0.3247



57.5691, 0.3557, 0.3433

Triad

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



57.5691, 0.3464, 0.3247



57.5691, 0.3186, 0.3649



57.5691, 0.2737, 0.2980

Complementary

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



57.5691, 0.3464, 0.3247



74.7365, 0.2867, 0.3334

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.



57.5691, 0.2715, 0.3123



57.5691, 0.3464, 0.3247



57.5691, 0.2970, 0.3518

Square

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



57.5691, 0.3464, 0.3247



57.5691, 0.3393, 0.3673



57.5691, 0.2799, 0.3321



57.5691, 0.2860, 0.2924

Rectangle

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



57.5691, 0.3464, 0.3247



57.5691, 0.3553, 0.3544



57.5691, 0.2799, 0.3321



57.5691, 0.2718, 0.3019

Sweetspot

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



57.5717, 0.3464, 0.3247



89.7592, 0.3220, 0.3277



58.8733, 0.3115, 0.2818



18.9843, 0.3231, 0.3275



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.



57.5717, 0.3464, 0.3247



65.1447, 0.3561, 0.3237



65.4242, 0.3461, 0.3484



15.0761, 0.3279, 0.3269



9.8681, 0.6298, 0.3243



0.7824, 0.6058, 0.3111

Inverse Universe

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



57.5717, 0.3464, 0.3247



65.1447, 0.3561, 0.3237



65.5011, 0.2833, 0.3088



15.0761, 0.3279, 0.3269



9.8681, 0.6298, 0.3243



0.7824, 0.6058, 0.3111

Previews

White Background



This preview shows how the Yxy color 57.5691, 0.3464, 0.3247 looks on a white background.

Color Contrast Check

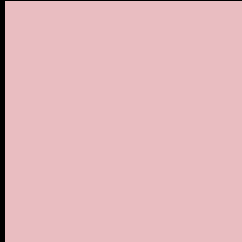
Large Text (above 18pt) WCAG AA × Fail

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 57.5691, 0.3464, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

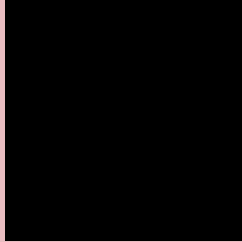
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5691, 0.3464, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 57.5691, 0.3464, 0.3247.



This preview shows how white text looks on a background with the Yxy color 57.5691, 0.3464, 0.3247.

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

57.5691, 0.3464, 0.3247

Protanopia

57.8077, 0.3166, 0.3290

Deuteranopia

57.4753, 0.3373, 0.3302



Tritanopia

57.7231, 0.3400, 0.3137

Trichromacy



Original Color

57.5691, 0.3464, 0.3247

Protanomaly

57.5085, 0.3273, 0.3267

Deuteranomaly

57.6738, 0.3408, 0.3291

Tritanomaly

57.5824, 0.3425, 0.3170

Monochromacy



Original Color

57.5691, 0.3464, 0.3247

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.8078, 0.3247, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5691, 0.3464, 0.3247 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(233, 189, 193)` looks like.

```
.text, #text, p{  
    color:rgb(233, 189, 193)  
}
```

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(233, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 189, 193) }
```

Border

The CSS property to change the border of an element to Yxy 57.5691, 0.3464, 0.3247 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(233, 189, 193) }
```

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

```
.border{ border-color:rgb(233, 189, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 189, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 189, 193);  
box-shadow:4px 4px 4px 4px rgb(233, 189,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5691, 0.3464, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 189, 193) }
```

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

```
.background{ background-color: rgb(233,  
189, 193) }
```

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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