

Converting Colors

$Yxy(57.1257, 0.3472, 0.3394)$

Have a look what the booklet for
Yxy(57.1257, 0.3472, 0.3394)
contains.

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Color

Yxy(57.1257, 0.3472, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	E1C0B7
RGB	225, 192, 183
RGB Percent	88%, 75%, 72%
CMY	0.1178, 0.2470, 0.2823
CMYK	0.00, 0.15, 0.19, 0.12
HSL	13°, 41%, 80%
HSV	13°, 19%, 88%
XYZ	58.4385, 57.1257, 52.7495
YIQ	200.8410, 22.5570, 4.1970

Conversions

Conversions Part 2

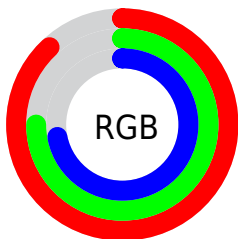
Format	Color
R _Y B	225, 194, 183
Decimal	14794935
CIE Lab	80.25, 10.29, 8.87
CIE LCh	80, 13.588, 40.755
Yxy	57.1257, 0.3472, 0.3394
Android (android.graphics.Color)	4292985015 (0xFFE1C0B7)
YUV	200.8410, -8.7956, 21.1874
Hunter-Lab	75.5815, 5.7459, 11.5277

Details

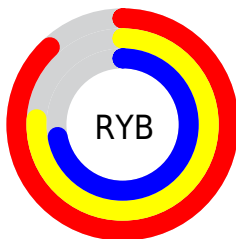
The Yxy color **57.1257, 0.3472, 0.3394** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.5849, 0.2842, 0.3184**, and the grayscale version is **58.3493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6268, 0.3226, 0.3377**, and **28.5120, 0.3561, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **48.9675, 0.3713, 0.3454**, and if you desaturate by 10%, it is **66.3696, 0.3272, 0.3337**.

Distribution



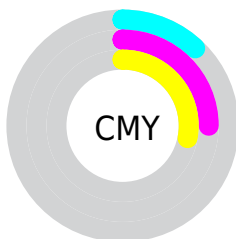
- Red (88%)
- Green (75%)
- Blue (72%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (12%)




- Cyan (12%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1257, 0.3472, 0.3394 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 57.1257, 0.3472, 0.3394 by changing the saturation by 10% instead.


 57.1257, 0.3472,
0.3394

 57.1257, 0.3472,
0.3394

413.9202, 0.3304,
0.3346

 41.1062, 0.3513,
0.3405


 100.6486, 0.3412,
0.3377

 28.4021, 0.3564,
0.3418


128.9207, 0.3389,
0.3371

 18.6290, 0.3631,
0.3435


162.0458, 0.3370,
0.3365

 11.4025, 0.3721,
0.3456

200.4084, 0.3353,
0.3361

 6.3382, 0.3852,
0.3485

244.3926, 0.3339,
0.3356

 3.0518, 0.4054,
0.3523

294.3831, 0.3326,

 1.1588, 0.4463,

0.3352

0.3616

350.7642, 0.3314,
0.3349

0.0277, 0.9093,
0.0907

0.0000, 0.0000,
0.0000

57.1257, 0.3472,
0.3394

57.1257, 0.3472,
0.3394

48.9675, 0.3713,
0.3454

66.3696, 0.3272,
0.3337

41.8474, 0.3999,
0.3514

76.7293, 0.3107,
0.3283

35.7256, 0.4335,
0.3569

88.2432, 0.2969,
0.3234

30.5567, 0.4715,
0.3611

94.7406, 0.2946,
0.3289

■ 26.2918, 0.5123,
0.3633

■ 22.8774, 0.5526,
0.3622

■ 20.2541, 0.5878,
0.3574

■ 18.3508, 0.6137,
0.3495

■ 18.1419, 0.6168,
0.3485

Harmonies

Analogous

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



57.1257, 0.3388, 0.3242



57.1257, 0.3472, 0.3394



57.1257, 0.3460, 0.3525

Triad

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



57.1257, 0.3472, 0.3394



57.1257, 0.3016, 0.3487



57.1257, 0.2897, 0.2993

Complementary

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



57.1257, 0.3472, 0.3394



64.5849, 0.2842, 0.3184

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.



57.1257, 0.2804, 0.3047



57.1257, 0.3472, 0.3394



57.1257, 0.2871, 0.3332

Square

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



57.1257, 0.3472, 0.3394



57.1257, 0.3194, 0.3585



57.1257, 0.2794, 0.3170



57.1257, 0.3053, 0.3015

Rectangle

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



57.1257, 0.3472, 0.3394



57.1257, 0.3400, 0.3582



57.1257, 0.2794, 0.3170



57.1257, 0.2858, 0.3003

Sweetspot

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



57.1283, 0.3472, 0.3394



91.6271, 0.3226, 0.3322



54.8580, 0.3214, 0.2917



19.4240, 0.3237, 0.3326



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.



57.1283, 0.3472, 0.3394



71.9444, 0.3551, 0.3415



66.6930, 0.3431, 0.3619



14.1755, 0.3287, 0.3341



10.5981, 0.6143, 0.3504



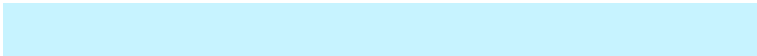
0.8654, 0.5847, 0.3739

Inverse Universe

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



64.5849, 0.2842, 0.3184



83.4175, 0.2790, 0.3161



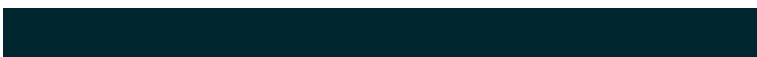
54.7983, 0.2828, 0.2937



15.0463, 0.2982, 0.3238



21.3513, 0.2052, 0.2586



1.6059, 0.2085, 0.2707

Previews

White Background



This preview shows how the Yxy color 57.1257, 0.3472, 0.3394 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 57.1257, 0.3472, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

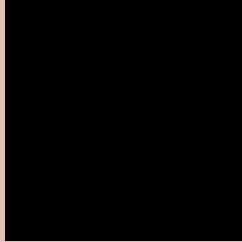
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1257, 0.3472, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 57.1257, 0.3472, 0.3394.

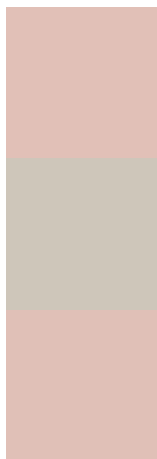


This preview shows how white text looks on a background with the Yxy color 57.1257, 0.3472, 0.3394.

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

57.1257, 0.3472, 0.3394

Protanopia

57.0551, 0.3281, 0.3434

Deuteranopia

56.9655, 0.3464, 0.3394



Tritanopia

57.2488, 0.3333, 0.3123

Trichromacy



Original Color

57.1257, 0.3472, 0.3394

Protanomaly

57.1288, 0.3349, 0.3420

Deuteranomaly

56.9655, 0.3464, 0.3394

Tritanomaly

57.1433, 0.3387, 0.3223

Monochromacy



Original Color

57.1257, 0.3472, 0.3394

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.9848, 0.3252, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1257, 0.3472, 0.3394 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, 192, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 192, 183)  
}
```

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, 192, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 192, 183) }
```

Border

The CSS property to change the border of an element to Yxy 57.1257, 0.3472, 0.3394 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, 192, 183) }
```

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

```
.border{ border-color:rgb(225, 192, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 192, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 192, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 192, 183); box-shadow:4px 4px 4px 4px rgb(225, 192, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1257, 0.3472, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 192, 183) }
```

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

```
.background{ background-color: rgb(225,  
192, 183) }
```

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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