

Converting Colors

$Yxy(57.3979, 0.3487, 0.3408)$

Have a look what the booklet for
Yxy(57.3979, 0.3487, 0.3408)
contains.

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Color

Yxy(57.2454, 0.3489, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	E2C0B6
RGB	226, 192, 182
RGB Percent	89%, 75%, 71%
CMY	0.1137, 0.2470, 0.2862
CMYK	0.00, 0.15, 0.19, 0.11
HSL	14°, 43%, 80%
HSV	14°, 19%, 89%
XYZ	58.6576, 57.2454, 52.2186
YIQ	201.0260, 23.4740, 4.0980

Conversions

Conversions Part 2

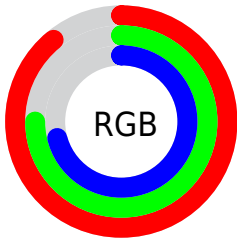
Format	Color
R _Y B	226, 195, 182
Decimal	14860470
CIE Lab	80.32, 10.53, 9.52
CIE LCh	80, 14.195, 42.091
Yxy	57.2454, 0.3489, 0.3405
Android (android.graphics.Color)	4293050550 (0xFFE2C0B6)
YUV	201.0260, -9.3798, 21.9022
Hunter-Lab	75.6607, 5.9799, 12.0424

Details

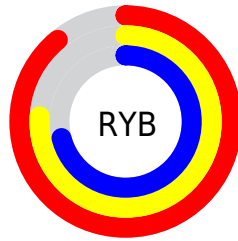
The Yxy color **57.2454, 0.3489, 0.3405** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.5514, 0.2829, 0.3172**, and the grayscale version is **58.4756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5678, 0.3232, 0.3387**, and **28.5963, 0.3583, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **49.1674, 0.3732, 0.3468**, and if you desaturate by 10%, it is **66.3896, 0.3287, 0.3344**.

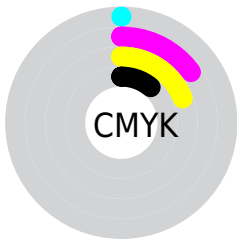
Distribution



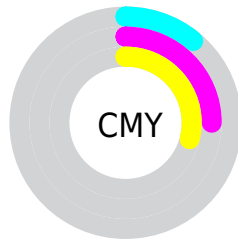
- Red (89%)
- Green (75%)
- Blue (71%)



- Red (89%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (11%)




- Cyan (11%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2454, 0.3489, 0.3405 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 57.2454, 0.3489, 0.3405 by changing the saturation by 10% instead.

 57.2454, 0.3489,
0.3405

 57.2454, 0.3489,
0.3405

414.3682, 0.3313,
0.3352

 41.2023, 0.3531,
0.3417


 100.8232, 0.3426,
0.3387

 28.4772, 0.3585,
0.3432


129.1266, 0.3402,
0.3380

 18.6857, 0.3655,
0.3450


162.2857, 0.3382,
0.3373

 11.4434, 0.3750,
0.3474

200.6847, 0.3364,
0.3368

 6.3659, 0.3887,
0.3505

244.7080, 0.3349,
0.3363

 3.0688, 0.4098,
0.3547

294.7401, 0.3336,

 1.1678, 0.4534,

0.3359

0.3655

351.1654, 0.3324,
0.3355

0.0351, 0.8921,
0.1079

0.0000, 0.0000,
0.0000

57.2454, 0.3489,
0.3405

57.2454, 0.3489,
0.3405

49.1674, 0.3732,
0.3468

66.3896, 0.3287,
0.3344

42.1087, 0.4020,
0.3531

76.6290, 0.3119,
0.3287

36.0308, 0.4356,
0.3589

88.0012, 0.2979,
0.3235

30.8893, 0.4735,
0.3633

94.9087, 0.2952,
0.3289

■ 26.6366, 0.5139,
0.3654

■ 23.2205, 0.5535,
0.3642

■ 20.5830, 0.5878,
0.3590

■ 18.6529, 0.6132,
0.3507

■ 18.5670, 0.6144,
0.3503

Harmonies

Analogous

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



57.2454, 0.3405, 0.3246



57.2454, 0.3489, 0.3405



57.2454, 0.3472, 0.3540

Triad

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



57.2454, 0.3489, 0.3405



57.2454, 0.3003, 0.3489



57.2454, 0.2893, 0.2979

Complementary

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



57.2454, 0.3489, 0.3405



64.5514, 0.2829, 0.3172

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.



57.2454, 0.2792, 0.3033



57.2454, 0.3489, 0.3405



57.2454, 0.2855, 0.3326

Square

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



57.2454, 0.3489, 0.3405



57.2454, 0.3188, 0.3596



57.2454, 0.2779, 0.3158



57.2454, 0.3058, 0.3006

Rectangle

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



57.2454, 0.3489, 0.3405



57.2454, 0.3406, 0.3597



57.2454, 0.2779, 0.3158



57.2454, 0.2851, 0.2988

Sweetspot

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



57.2480, 0.3489, 0.3405



91.7402, 0.3226, 0.3324



54.6109, 0.3224, 0.2908



19.4506, 0.3237, 0.3328



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.



57.2480, 0.3489, 0.3405



71.1948, 0.3573, 0.3428



67.4050, 0.3444, 0.3642



14.2032, 0.3286, 0.3344



10.7404, 0.6119, 0.3524



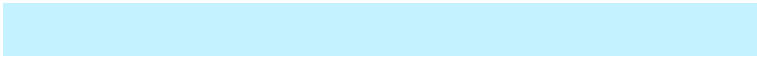
0.8789, 0.5820, 0.3761

Inverse Universe

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



64.5514, 0.2829, 0.3172



82.3131, 0.2774, 0.3147



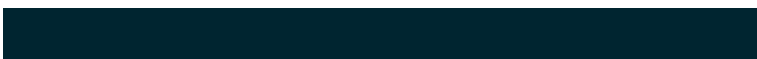
54.2321, 0.2814, 0.2911



15.0165, 0.2982, 0.3235



20.7331, 0.2040, 0.2543



1.5679, 0.2075, 0.2671

Previews

White Background



This preview shows how the Yxy color 57.2454, 0.3489, 0.3405 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 57.2454, 0.3489, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

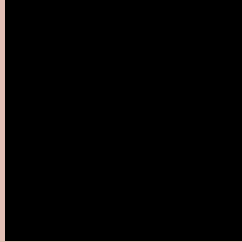
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2454, 0.3489, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 57.2454, 0.3489, 0.3405.



This preview shows how white text looks on a background with the Yxy color 57.2454, 0.3489, 0.3405.

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

57.2454, 0.3489, 0.3405

Protanopia

57.5138, 0.3279, 0.3446

Deuteranopia

57.0842, 0.3481, 0.3405



Tritanopia

57.3650, 0.3349, 0.3135

Trichromacy



Original Color

57.2454, 0.3489, 0.3405

Protanomaly

57.1288, 0.3349, 0.3420

Deuteranomaly

57.0842, 0.3481, 0.3405

Tritanomaly

57.2610, 0.3404, 0.3235

Monochromacy



Original Color

57.2454, 0.3489, 0.3405

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 57.2454, 0.3489, 0.3405 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(226, 192, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 192, 182)  
}
```

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(226, 192, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 192, 182) }
```

Border

The CSS property to change the border of an element to Yxy 57.2454, 0.3489, 0.3405 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(226, 192, 182) }
```

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

```
.border{ border-color:rgb(226, 192, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 192, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 192, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 192, 182); box-shadow:4px 4px 4px 4px rgb(226, 192, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2454, 0.3489, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 192, 182) }
```

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

```
.background{ background-color: rgb(226,  
192, 182) }
```

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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