

Converting Colors

$Yxy(57.4369, 0.3554, 0.3383)$

Have a look what the booklet for
Yxy(57.4369, 0.3554, 0.3383)
contains.

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Color

Yxy(57.5279, 0.3553, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	E9BEB6
RGB	233, 190, 182
RGB Percent	91%, 75%, 71%
CMY	0.0864, 0.2548, 0.2863
CMYK	0.00, 0.18, 0.22, 0.09
HSL	9°, 54%, 81%
HSV	9°, 22%, 91%
XYZ	60.4545, 57.5279, 52.1682
YIQ	201.9450, 28.1960, 6.6280

Conversions

Conversions Part 2

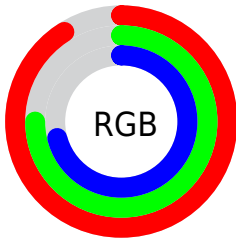
Format	Color
R _Y B	233, 191, 182
Decimal	15318710
CIE Lab	80.48, 14.16, 9.84
CIE LCh	80, 17.238, 34.800
Yxy	57.5279, 0.3553, 0.3381
Android (android.graphics.Color)	4293508790 (0xFFE9BEB6)
YUV	201.9450, -9.8329, 27.2352
Hunter-Lab	75.8471, 9.5421, 12.3130

Details

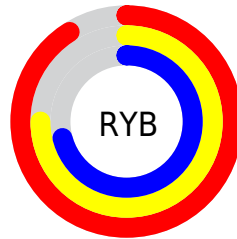
The Yxy color **57.5279, 0.3553, 0.3381** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6501, 0.2796, 0.3197**, and the grayscale version is **59.0759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3446, 0.3234, 0.3368**, and **28.8234, 0.3671, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **48.7063, 0.3817, 0.3426**, and if you desaturate by 10%, it is **67.6603, 0.3335, 0.3338**.

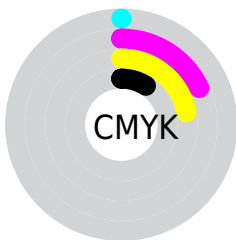
Distribution



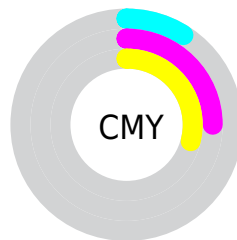
- Red (91%)
- Green (75%)
- Blue (71%)



- Red (91%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (22%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5279, 0.3553, 0.3381 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 57.5279, 0.3553, 0.3381 by changing the saturation by 10% instead.

 57.5279, 0.3553,
0.3381

 57.5279, 0.3553,
0.3381


415.4245, 0.3346,
0.3341

 41.4292, 0.3603,
0.3390


 101.2351, 0.3479,
0.3367

 28.6546, 0.3666,
0.3400


129.6123, 0.3451,
0.3362

 18.8197, 0.3749,
0.3413


162.8512, 0.3427,
0.3357

 11.5401, 0.3860,
0.3428

201.3362, 0.3406,
0.3353

 6.4313, 0.4020,
0.3446

245.4516, 0.3388,
0.3349

 3.1091, 0.4267,
0.3467

295.5819, 0.3372,

 1.1889, 0.4764,

0.3346

0.3529

352.1114, 0.3358,
0.3343

0.0527, 0.8825,
0.1175

0.0000, 0.0000,
0.0000

57.5279, 0.3553,
0.3381

57.5279, 0.3553,
0.3381

48.7063, 0.3817,
0.3426

67.6603, 0.3335,
0.3338

41.1344, 0.4134,
0.3469

79.1460, 0.3157,
0.3297

34.7576, 0.4505,
0.3506

92.0352, 0.3011,
0.3260

29.5144, 0.4921,
0.3531

96.0596, 0.2993,
0.3290

■ 25.3376, 0.5356,
0.3536

■ 22.1530, 0.5763,
0.3512

■ 19.8763, 0.6087,
0.3460

■ 18.6223, 0.6266,
0.3407

Harmonies

Analogous

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



57.5279, 0.3424, 0.3191



57.5279, 0.3553, 0.3381



57.5279, 0.3562, 0.3556

Triad

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



57.5279, 0.3553, 0.3381



57.5279, 0.3028, 0.3573



57.5279, 0.2806, 0.2922

Complementary

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



57.5279, 0.3553, 0.3381



69.6501, 0.2796, 0.3197

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.



57.5279, 0.2709, 0.3007



57.5279, 0.3553, 0.3381



57.5279, 0.2834, 0.3384

Square

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



57.5279, 0.3553, 0.3381



57.5279, 0.3254, 0.3679



57.5279, 0.2719, 0.3174



57.5279, 0.2989, 0.2932

Rectangle

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



57.5279, 0.3553, 0.3381



57.5279, 0.3500, 0.3641



57.5279, 0.2719, 0.3174



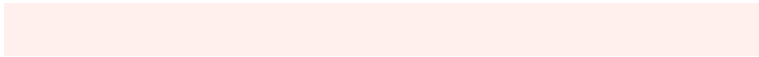
57.5279, 0.2763, 0.2940

Sweetspot

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



57.5305, 0.3553, 0.3381



89.6795, 0.3244, 0.3318



56.2262, 0.3212, 0.2824



19.0131, 0.3255, 0.3320



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.



57.5305, 0.3553, 0.3381



65.8302, 0.3659, 0.3400



69.3646, 0.3496, 0.3653



15.4368, 0.3289, 0.3328



10.6840, 0.6246, 0.3423



0.9548, 0.6009, 0.3611

Inverse Universe

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



69.6501, 0.2796, 0.3197



83.0423, 0.2735, 0.3177



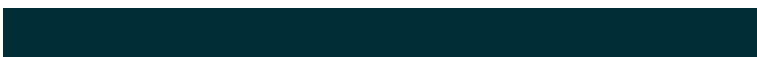
57.0585, 0.2774, 0.2898



16.6945, 0.2981, 0.3252



25.9749, 0.2106, 0.2782



2.1482, 0.2128, 0.2860

Previews

White Background



This preview shows how the Yxy color 57.5279, 0.3553, 0.3381 looks on a white background.

Color Contrast Check

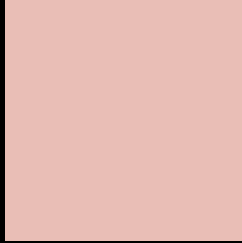
Large Text (above 18pt) WCAG AA × Fail

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 57.5279, 0.3553, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

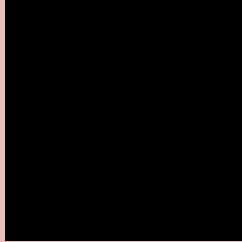
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5279, 0.3553, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 57.5279, 0.3553, 0.3381.



This preview shows how white text looks on a background with the Yxy color 57.5279, 0.3553, 0.3381.

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

57.5279, 0.3553, 0.3381

Protanopia

57.7001, 0.3280, 0.3433

Deuteranopia

57.6449, 0.3495, 0.3428



Tritanopia

57.4671, 0.3410, 0.3126

Trichromacy



Original Color

57.5279, 0.3553, 0.3381

Protanomaly

57.5816, 0.3374, 0.3419

Deuteranomaly

57.6935, 0.3523, 0.3416

Tritanomaly

57.3990, 0.3458, 0.3214

Monochromacy



Original Color

57.5279, 0.3553, 0.3381

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.4744, 0.3269, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5279, 0.3553, 0.3381 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, 190, 182)` looks like.

```
.text, #text, p{  
    color:rgb(233, 190, 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(233, 190, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 190, 182) }
```

Border

The CSS property to change the border of an element to Yxy 57.5279, 0.3553, 0.3381 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, 190, 182) }
```

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

```
.border{ border-color:rgb(233, 190, 182) }
```

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

Here you see how a box with a 4 pixel rgb(233, 190, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 190, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 190, 182);  
box-shadow:4px 4px 4px 4px rgb(233, 190,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5279, 0.3553, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 190, 182) }
```

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

```
.background{ background-color: rgb(233,  
190, 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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