

Converting Colors

Yxy(61.9866, 0.3589, 0.3524)

Have a look what the booklet for
Yxy(61.9866, 0.3589, 0.3524)
contains.

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Color

Yxy(61.8941, 0.3589, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	ECC7B2
RGB	236, 199, 178
RGB Percent	93%, 78%, 70%
CMY	0.0745, 0.2196, 0.3020
CMYK	0.00, 0.16, 0.25, 0.07
HSL	22°, 60%, 81%
HSV	22°, 25%, 93%
XYZ	63.0536, 61.8941, 50.7381
YIQ	207.6690, 28.7930, 1.3130

Conversions

Conversions Part 2

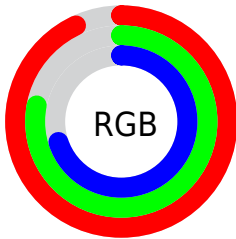
Format	Color
R _Y B	236, 211, 178
Decimal	15517618
CIE Lab	82.86, 9.97, 15.39
CIE LCh	83, 18.333, 57.069
Yxy	61.8941, 0.3589, 0.3523
Android (android.graphics.Color)	4293707698 (0xFFECC7B2)
YUV	207.6690, -14.6268, 24.8463
Hunter-Lab	78.6728, 5.3844, 16.8334

Details

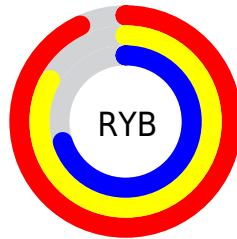
The Yxy color **61.8941, 0.3589, 0.3523** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.1231, 0.2744, 0.3044**, and the grayscale version is **62.9355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **31.3152, 0.3706, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **54.4403, 0.3833, 0.3623**, and if you desaturate by 10%, it is **70.2021, 0.3379, 0.3425**.

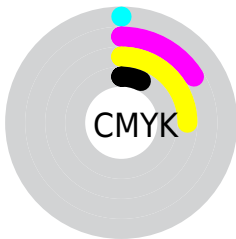
Distribution



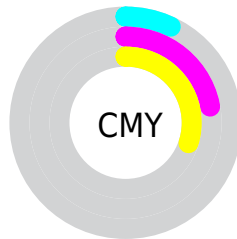
- Red (93%)
- Green (78%)
- Blue (70%)



- Red (93%)
- Yellow (83%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8941, 0.3589, 0.3523 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 61.8941, 0.3589, 0.3523 by changing the saturation by 10% instead.


 61.8941, 0.3589,
0.3523

 61.8941, 0.3589,
0.3523


431.5447, 0.3367,
0.3416

 44.9471, 0.3641,
0.3547


 107.5725, 0.3511,
0.3486

 31.4158, 0.3707,
0.3577


137.0726, 0.3481,
0.3472

 20.9157, 0.3792,
0.3613


171.5260, 0.3455,
0.3459

 13.0624, 0.3906,
0.3661

211.3170, 0.3433,
0.3448

 7.4715, 0.4065,
0.3722

256.8300, 0.3413,
0.3439

 3.7587, 0.4301,
0.3805

308.4493, 0.3396,

 1.5395, 0.4780,

0.3430

0.3991

366.5594, 0.3381,
0.3423

0.3163, 0.6323,
0.3677

0.0000, 0.0000,
0.0000

61.8941, 0.3589,
0.3523

61.8941, 0.3589,
0.3523

54.4403, 0.3833,
0.3623

70.2021, 0.3379,
0.3425

47.8039, 0.4113,
0.3720

79.3825, 0.3200,
0.3331

41.9581, 0.4426,
0.3806

89.4637, 0.3048,
0.3244

36.8710, 0.4763,
0.3870

96.5750, 0.3011,
0.3290

■ 32.5083, 0.5106,
0.3898

■ 28.8324, 0.5429,
0.3879

■ 25.8011, 0.5702,
0.3808

■ 24.4052, 0.5828,
0.3755

Harmonies

Analogous

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



61.8941, 0.3546, 0.3333



61.8941, 0.3589, 0.3523



61.8941, 0.3503, 0.3662

Triad

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



61.8941, 0.3589, 0.3523



61.8941, 0.2869, 0.3443



61.8941, 0.2928, 0.2907

Complementary

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



61.8941, 0.3589, 0.3523



64.1231, 0.2744, 0.3044

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.



61.8941, 0.2758, 0.2921



61.8941, 0.3589, 0.3523



61.8941, 0.2725, 0.3224

Square

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



61.8941, 0.3589, 0.3523



61.8941, 0.3084, 0.3623



61.8941, 0.2686, 0.3034



61.8941, 0.3157, 0.2986

Rectangle

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



61.8941, 0.3589, 0.3523



61.8941, 0.3387, 0.3702



61.8941, 0.2686, 0.3034



61.8941, 0.2863, 0.2901

Sweetspot

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



61.8969, 0.3589, 0.3523



91.8524, 0.3241, 0.3353



54.6154, 0.3318, 0.2882



19.5151, 0.3252, 0.3359



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.



61.8969, 0.3589, 0.3523



68.7343, 0.3720, 0.3579



76.1567, 0.3519, 0.3818



15.9469, 0.3284, 0.3376



13.6751, 0.5799, 0.3778



1.2510, 0.5535, 0.3987

Inverse Universe

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



64.1231, 0.2744, 0.3044



71.8457, 0.2659, 0.2981



50.9324, 0.2715, 0.2700



16.1513, 0.2981, 0.3203



15.7116, 0.1906, 0.2060



1.4153, 0.1958, 0.2250

Previews

White Background



This preview shows how the Yxy color 61.8941, 0.3589, 0.3523 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 61.8941, 0.3589, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

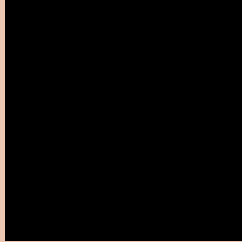
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8941, 0.3589, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 61.8941, 0.3589, 0.3523.



This preview shows how white text looks on a background with the Yxy color 61.8941, 0.3589, 0.3523.

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

61.8941, 0.3589, 0.3523

Protanopia

62.0777, 0.3387, 0.3580

Deuteranopia

62.0657, 0.3597, 0.3522



Tritanopia

61.7620, 0.3377, 0.3119

Trichromacy



Original Color

61.8941, 0.3589, 0.3523

Protanomaly

61.6951, 0.3457, 0.3553

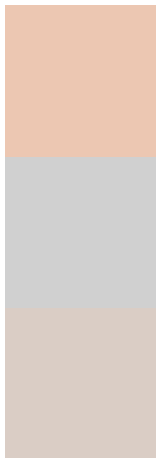
Deuteranomaly

62.0657, 0.3597, 0.3522

Tritanomaly

61.9078, 0.3461, 0.3269

Monochromacy



Original Color

61.8941, 0.3589, 0.3523

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.5993, 0.3286, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8941, 0.3589, 0.3523 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(236, 199, 178)` looks like.

```
.text, #text, p{  
    color:rgb(236, 199, 178)  
}
```

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(236, 199, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 199, 178) }
```

Border

The CSS property to change the border of an element to Yxy 61.8941, 0.3589, 0.3523 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(236, 199, 178) }
```

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

```
.border{ border-color:rgb(236, 199, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 199, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 199, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 199, 178); box-shadow:4px 4px 4px 4px rgb(236, 199, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8941, 0.3589, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 199, 178) }
```

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

```
.background{ background-color: rgb(236,  
199, 178) }
```

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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