

Converting Colors

Yxy(61.6696, 0.3454, 0.3461)

Have a look what the booklet for
Yxy(61.6696, 0.3454, 0.3461)
contains.

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Color

Yxy(61.8124, 0.3455, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	E4C9BA
RGB	228, 201, 186
RGB Percent	89%, 79%, 73%
CMY	0.1060, 0.2117, 0.2705
CMYK	0.00, 0.12, 0.18, 0.11
HSL	21°, 44%, 81%
HSV	21°, 18%, 89%
XYZ	61.7409, 61.8124, 55.1469
YIQ	207.3630, 20.9070, 1.0590

Conversions

Conversions Part 2

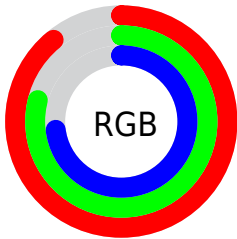
Format	Color
R _Y B	228, 209, 186
Decimal	14993850
CIE Lab	82.81, 7.11, 10.95
CIE LCh	83, 13.050, 57.006
Yxy	61.8124, 0.3455, 0.3459
Android (android.graphics.Color)	4293183930 (0xFFE4C9BA)
YUV	207.3630, -10.5320, 18.0986
Hunter-Lab	78.6209, 2.5894, 13.4469

Details

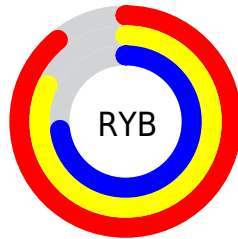
The Yxy color **61.8124, 0.3455, 0.3459** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.6280, 0.2842, 0.3115**, and the grayscale version is **62.7033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **31.3315, 0.3537, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **54.4111, 0.3678, 0.3557**, and if you desaturate by 10%, it is **70.0259, 0.3265, 0.3365**.

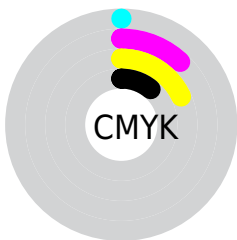
Distribution



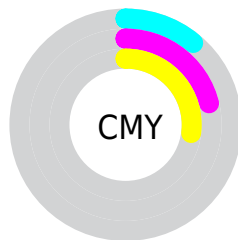
- Red (89%)
- Green (79%)
- Blue (73%)



- Red (89%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8124, 0.3455, 0.3459 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 61.8124, 0.3455, 0.3459 by changing the saturation by 10% instead.

 61.8124, 0.3455,
0.3459

 61.8124, 0.3455,
0.3459

431.2465, 0.3298,
0.3380

 44.8811, 0.3492,
0.3477


 107.4544, 0.3399,
0.3432

 31.3638, 0.3539,
0.3499


136.9338, 0.3378,
0.3421

 20.8760, 0.3600,
0.3528


171.3648, 0.3360,
0.3412

 13.0334, 0.3681,
0.3564

211.1317, 0.3344,
0.3404

 7.4516, 0.3795,
0.3614

256.6190, 0.3330,
0.3397

 3.7461, 0.3968,
0.3685

308.2109, 0.3318,

 1.5326, 0.4268,

0.3391

0.3800

366.2919, 0.3307,
0.3385

0.3115, 0.6012,
0.3988

0.0000, 0.0000,
0.0000

61.8124, 0.3455,
0.3459

61.8124, 0.3455,
0.3459

54.4111, 0.3678,
0.3557

70.0259, 0.3265,
0.3365

47.7881, 0.3936,
0.3656

79.0675, 0.3103,
0.3276

41.9194, 0.4229,
0.3748

88.9631, 0.2966,
0.3194

36.7764, 0.4554,
0.3826

95.2300, 0.2964,
0.3290

■ 32.3285, 0.4897,
0.3876

■ 28.5427, 0.5239,
0.3888

■ 25.3824, 0.5548,
0.3849

■ 22.8036, 0.5800,
0.3762

■ 22.4387, 0.5838,
0.3747

Harmonies

Analogous

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



61.8124, 0.3424, 0.3323



61.8124, 0.3455, 0.3459



61.8124, 0.3396, 0.3555

Triad

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



61.8124, 0.3455, 0.3459



61.8124, 0.2943, 0.3399



61.8124, 0.2986, 0.3014

Complementary

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



61.8124, 0.3455, 0.3459



63.6280, 0.2842, 0.3115

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.



61.8124, 0.2863, 0.3026



61.8124, 0.3455, 0.3459



61.8124, 0.2839, 0.3246

Square

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



61.8124, 0.3455, 0.3459



61.8124, 0.3098, 0.3525



61.8124, 0.2810, 0.3109



61.8124, 0.3150, 0.3071

Rectangle

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



61.8124, 0.3455, 0.3459



61.8124, 0.3314, 0.3582



61.8124, 0.2810, 0.3109



61.8124, 0.2938, 0.3010

Sweetspot

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



61.8152, 0.3455, 0.3459



92.9381, 0.3224, 0.3343



56.4393, 0.3262, 0.2989



19.7331, 0.3235, 0.3349



0.0000, 0.0000, 0.0000



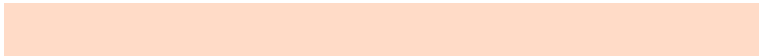
21.4041, 0.3127, 0.3290

Same Dimension

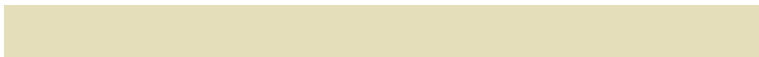
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.8152, 0.3455, 0.3459



76.0094, 0.3534, 0.3495



72.1110, 0.3415, 0.3682



15.2062, 0.3284, 0.3375



13.1636, 0.5810, 0.3769



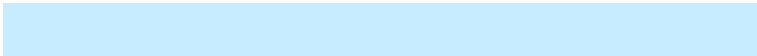
1.1435, 0.5531, 0.3990

Inverse Universe

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



63.6280, 0.2842, 0.3115



78.7435, 0.2783, 0.3075



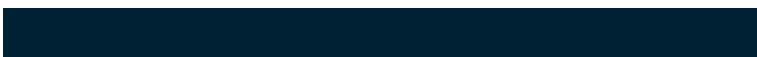
53.8835, 0.2828, 0.2866



15.4249, 0.2981, 0.3204



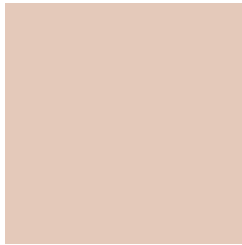
15.4375, 0.1911, 0.2079



1.3148, 0.1966, 0.2276

Previews

White Background



This preview shows how the Yxy color 61.8124, 0.3455, 0.3459 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 61.8124, 0.3455, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

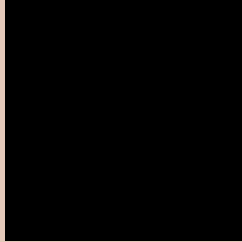
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8124, 0.3455, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 61.8124, 0.3455, 0.3459.



This preview shows how white text looks on a background with the Yxy color 61.8124, 0.3455, 0.3459.

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

61.8124, 0.3455, 0.3459

Protanopia

62.0696, 0.3319, 0.3499

Deuteranopia

61.8844, 0.3509, 0.3435



Tritanopia

61.6749, 0.3285, 0.3127

Trichromacy



Original Color

61.8124, 0.3455, 0.3459

Protanomaly

61.8337, 0.3369, 0.3485

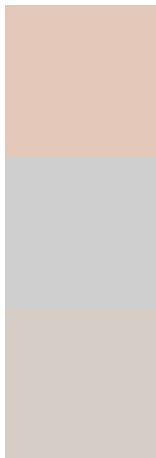
Deuteranomaly

62.0095, 0.3490, 0.3447

Tritanomaly

61.5230, 0.3345, 0.3235

Monochromacy



Original Color

61.8124, 0.3455, 0.3459

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2332, 0.3247, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8124, 0.3455, 0.3459 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(228, 201, 186)` looks like.

```
.text, #text, p{  
    color:rgb(228, 201, 186)  
}
```

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(228, 201, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 201, 186) }
```

Border

The CSS property to change the border of an element to Yxy 61.8124, 0.3455, 0.3459 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(228, 201, 186) }
```

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

```
.border{ border-color:rgb(228, 201, 186) }
```

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

Here you see how a box with a 4 pixel rgb(228, 201, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 201, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 201, 186);  
box-shadow:4px 4px 4px 4px rgb(228, 201,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8124, 0.3455, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 201, 186) }
```

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

```
.background{ background-color: rgb(228,  
201, 186) }
```

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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