

Converting Colors

Yxy(61.0843, 0.3426, 0.3355)

Have a look what the booklet for
Yxy(61.0843, 0.3426, 0.3355)
contains.

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Color

Yxy(61.0169, 0.3431, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	E6C6C0
RGB	230, 198, 192
RGB Percent	90%, 78%, 75%
CMY	0.0980, 0.2235, 0.2472
CMYK	0.00, 0.14, 0.17, 0.10
HSL	10°, 43%, 83%
HSV	10°, 17%, 90%
XYZ	62.3434, 61.0169, 58.3458
YIQ	206.8840, 20.9980, 4.9180

Conversions

Conversions Part 2

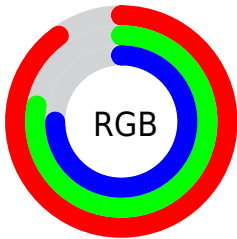
Format	Color
R _Y B	230, 199, 192
Decimal	15124160
CIE Lab	82.39, 10.35, 7.19
CIE LCh	82, 12.597, 34.787
Yxy	61.0169, 0.3431, 0.3358
Android (android.graphics.Color)	4293314240 (0xFFE6C6C0)
YUV	206.8840, -7.3378, 20.2727
Hunter-Lab	78.1133, 5.7651, 10.3934

Details

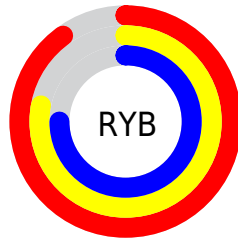
The Yxy color **61.0169, 0.3431, 0.3358** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2241, 0.2875, 0.3221**, and the grayscale version is **62.3579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **30.8093, 0.3504, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **51.7871, 0.3669, 0.3402**, and if you desaturate by 10%, it is **71.5425, 0.3235, 0.3316**.

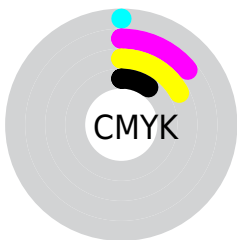
Distribution



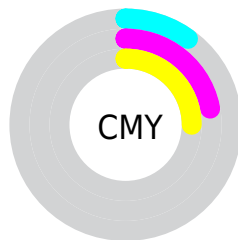
- Red (90%)
- Green (78%)
- Blue (75%)



- Red (90%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (10%)





- Cyan (10%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0169, 0.3431, 0.3358 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 61.0169, 0.3431, 0.3358 by changing the saturation by 10% instead.


 61.0169, 0.3431,
0.3358

 61.0169, 0.3431,
0.3358


428.3360, 0.3285,
0.3327

 44.2388, 0.3466,
0.3365


 106.3034, 0.3379,
0.3348

 30.8583, 0.3510,
0.3373

135.5806, 0.3359,
0.3343

 20.4910, 0.3566,
0.3383


169.7930, 0.3342,
0.3340

 12.7524, 0.3643,
0.3396

209.3249, 0.3328,
0.3337

 7.2583, 0.3751,
0.3413

254.5607, 0.3315,
0.3334

 3.6242, 0.3916,
0.3435

305.8850, 0.3304,

 1.4656, 0.4197,

0.3331

0.3462

363.6819, 0.3294,
0.3329

0.2643, 0.6559,
0.3441

0.0000, 0.0000,
0.0000

61.0169, 0.3431,
0.3358

61.0169, 0.3431,
0.3358

51.7871, 0.3669,
0.3402

71.5425, 0.3235,
0.3316

43.7950, 0.3957,
0.3447

83.4030, 0.3075,
0.3277

36.9903, 0.4298,
0.3488

95.5659, 0.2976,
0.3290

31.3158, 0.4691,
0.3521

■ 26.7098, 0.5120,
0.3538

■ 23.1044, 0.5548,
0.3530

■ 20.4240, 0.5924,
0.3493

■ 18.5811, 0.6193,
0.3430

■ 18.1143, 0.6263,
0.3409

Harmonies

Analogous

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



61.0169, 0.3340, 0.3219



61.0169, 0.3431, 0.3358



61.0169, 0.3438, 0.3483

Triad

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



61.0169, 0.3431, 0.3358



61.0169, 0.3058, 0.3491



61.0169, 0.2896, 0.3024

Complementary

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



61.0169, 0.3431, 0.3358



70.2241, 0.2875, 0.3221

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.



61.0169, 0.2825, 0.3088



61.0169, 0.3431, 0.3358



61.0169, 0.2917, 0.3358

Square

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



61.0169, 0.3431, 0.3358



61.0169, 0.3220, 0.3566



61.0169, 0.2833, 0.3209



61.0169, 0.3029, 0.3030

Rectangle

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



61.0169, 0.3431, 0.3358



61.0169, 0.3394, 0.3542



61.0169, 0.2833, 0.3209



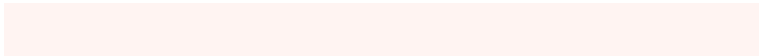
61.0169, 0.2864, 0.3038

Sweetspot

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



61.0196, 0.3431, 0.3358



92.5496, 0.3209, 0.3310



59.9132, 0.3189, 0.2940



19.5927, 0.3221, 0.3313



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.



61.0196, 0.3431, 0.3358



72.7461, 0.3511, 0.3374



70.1033, 0.3398, 0.3561



14.7348, 0.3289, 0.3328



10.3679, 0.6243, 0.3425



0.8792, 0.5991, 0.3625

Inverse Universe

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



70.2241, 0.2875, 0.3221



86.5307, 0.2822, 0.3205



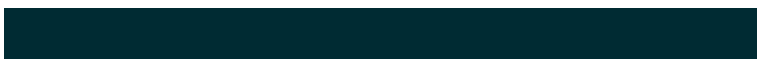
60.7192, 0.2865, 0.3003



15.9271, 0.2981, 0.3252



25.1187, 0.2105, 0.2779



1.9610, 0.2128, 0.2861

Previews

White Background



This preview shows how the Yxy color 61.0169, 0.3431, 0.3358 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 61.0169, 0.3431, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

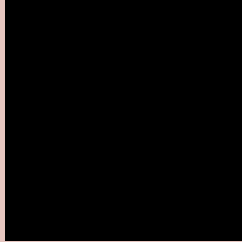
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0169, 0.3431, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 61.0169, 0.3431, 0.3358.

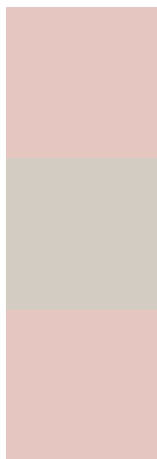


This preview shows how white text looks on a background with the Yxy color 61.0169, 0.3431, 0.3358.

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

61.0169, 0.3431, 0.3358

Protanopia

60.9747, 0.3246, 0.3395

Deuteranopia

61.0169, 0.3431, 0.3358



Tritanopia

60.8392, 0.3311, 0.3127

Trichromacy



Original Color

61.0169, 0.3431, 0.3358

Protanomaly

61.0415, 0.3312, 0.3382

Deuteranomaly

61.0169, 0.3431, 0.3358

Tritanomaly

60.7806, 0.3356, 0.3214

Monochromacy



Original Color

61.0169, 0.3431, 0.3358

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.8971, 0.3226, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0169, 0.3431, 0.3358 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(230, 198, 192)` looks like.

```
.text, #text, p{  
    color:rgb(230, 198, 192)  
}
```

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(230, 198, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 198, 192) }
```

Border

The CSS property to change the border of an element to Yxy 61.0169, 0.3431, 0.3358 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(230, 198, 192) }
```

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

```
.border{ border-color:rgb(230, 198, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 198, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 198, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 198, 192);  
box-shadow:4px 4px 4px 4px rgb(230, 198,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0169, 0.3431, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 198, 192) }
```

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

```
.background{ background-color: rgb(230,  
198, 192) }
```

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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