

Converting Colors

$Yxy(76.6253, 0.3181, 0.3259)$

Have a look what the booklet for
Yxy(76.6253, 0.3181, 0.3259)
contains.

Yxy(76.5195, 0.3185, 0.3259)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.5195, 0.3185, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	EBE0E3
RGB	235, 224, 227
RGB Percent	92%, 88%, 89%
CMY	0.0784, 0.1216, 0.1098
CMYK	0.00, 0.05, 0.03, 0.08
HSL	344°, 22%, 90%
HSV	344°, 5%, 92%
XYZ	74.7820, 76.5195, 83.4929
YIQ	227.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

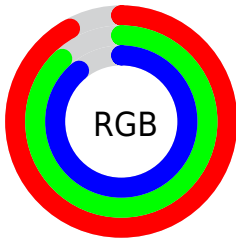
Format	Color
RYP	235, 224, 227
Decimal	15458531
CIELab	90.10, 4.26, -0.13
CIElCh	90, 4.264, 358.269
Yxy	76.5195, 0.3185, 0.3259
Android (android.graphics.Color)	4293648611 (0xFFEBE0E3)
YUV	227.6310, -0.3111, 4.6426
Hunter-Lab	87.4754, -0.4838, 4.6421

Details

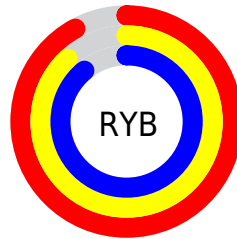
The Yxy color **76.5195, 0.3185, 0.3259** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.0967, 0.3072, 0.3321**, and the grayscale version is **77.3009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9382, 0.3193, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **63.8523, 0.3329, 0.3189**, and if you desaturate by 10%, it is **91.0332, 0.3068, 0.3324**.

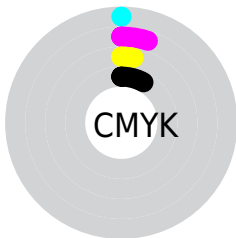
Distribution



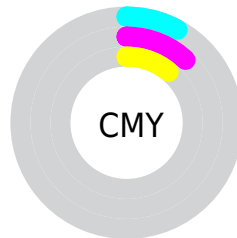
- Red (92%)
- Green (88%)
- Blue (89%)



- Red (92%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (8%)





- Cyan (8%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5195, 0.3185, 0.3259 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 76.5195, 0.3185, 0.3259 by changing the saturation by 10% instead.

 76.5195, 0.3185,
0.3259

 76.5195, 0.3185,
0.3259

483.1242, 0.3159,
0.3273

 56.8586, 0.3191,
0.3256


128.4610, 0.3176,
0.3264

 40.8917, 0.3198,
0.3252


161.5104, 0.3172,
0.3266

 28.2345, 0.3208,
0.3247


199.7913, 0.3169,
0.3268

 18.5025, 0.3220,
0.3240

243.6883, 0.3167,
0.3269

 11.3114, 0.3236,
0.3231

293.5857, 0.3164,
0.3270

 6.2767, 0.3260,
0.3218

349.8679, 0.3162,

 3.0140, 0.3297,

0.3271

0.3199

412.9192, 0.3160,
0.3272

■ 1.1391, 0.3362,
0.3164

■ 0.0111, 0.7810,
0.0755

■ 76.5195, 0.3185,
0.3259

■ 76.5195, 0.3185,
0.3259

■ 63.8523, 0.3329,
0.3189

■ 91.0332, 0.3068,
0.3324

■ 52.9477, 0.3507,
0.3116

■ 96.4035, 0.3005,
0.3290

■ 43.7301, 0.3724,
0.3042

■ 36.1147, 0.3986,
0.2971

■ 30.0091, 0.4297,
0.2910

■ 25.3113, 0.4650,
0.2870

■ 21.9070, 0.5030,
0.2861

■ 19.6632, 0.5408,
0.2895

■ 18.4179, 0.5744,
0.2972

Harmonies

Analogous

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



76.5195, 0.3137, 0.3223



76.5195, 0.3185, 0.3259



76.5195, 0.3218, 0.3303

Triad

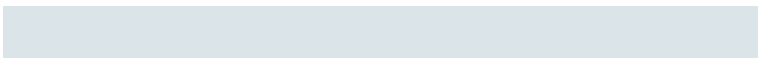
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5195, 0.3185, 0.3259



76.5195, 0.3168, 0.3377



76.5195, 0.3030, 0.3235

Complementary

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



76.5195, 0.3185, 0.3259



81.0967, 0.3072, 0.3321

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.



76.5195, 0.3038, 0.3276



76.5195, 0.3185, 0.3259



76.5195, 0.3117, 0.3359

Square

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



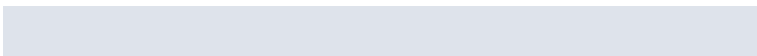
76.5195, 0.3185, 0.3259



76.5195, 0.3208, 0.3372



76.5195, 0.3070, 0.3322



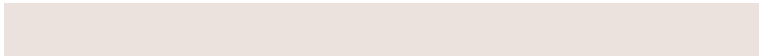
76.5195, 0.3047, 0.3209

Rectangle

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



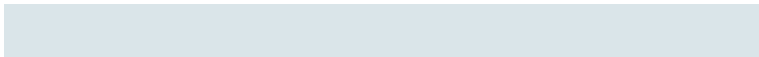
76.5195, 0.3185, 0.3259



76.5195, 0.3226, 0.3332



76.5195, 0.3070, 0.3322



76.5195, 0.3029, 0.3247

Sweetspot

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



76.5228, 0.3185, 0.3259



98.2647, 0.3139, 0.3283



76.4499, 0.3111, 0.3175



21.0510, 0.3138, 0.3284



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

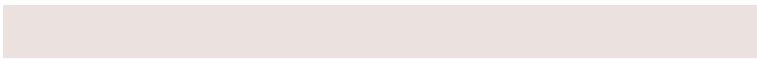
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5228, 0.3185, 0.3259



89.9263, 0.3203, 0.3250



77.6499, 0.3203, 0.3315



15.9137, 0.3211, 0.3246



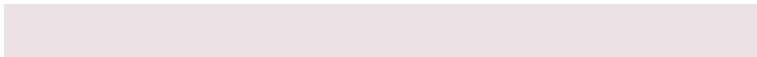
10.0526, 0.5858, 0.3001



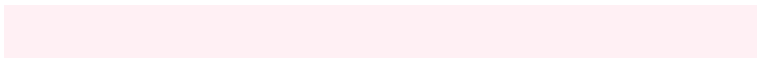
0.8050, 0.5464, 0.2784

Inverse Universe

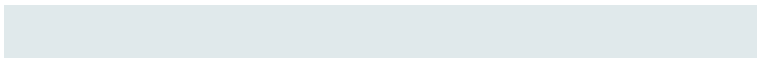
The Inverse Universe completely reimagines the original color for something new.



76.5228, 0.3185, 0.3259



89.9263, 0.3203, 0.3250



79.9117, 0.3055, 0.3265



15.9137, 0.3211, 0.3246



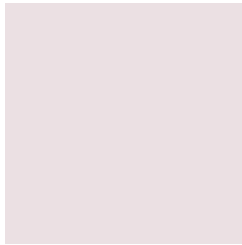
10.0526, 0.5858, 0.3001



0.8050, 0.5464, 0.2784

Previews

White Background



This preview shows how the Yxy color 76.5195, 0.3185, 0.3259 looks on a white background.

Color Contrast Check

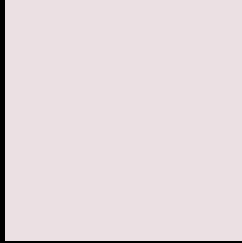
Large Text (above 18pt) WCAG AA × Fail

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 76.5195, 0.3185, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

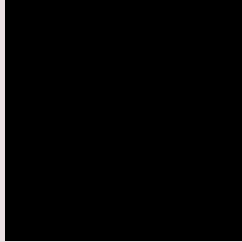
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

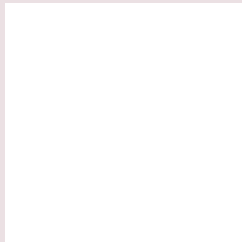
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5195, 0.3185, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 76.5195, 0.3185, 0.3259.

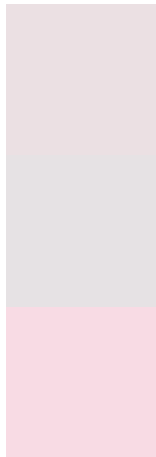


This preview shows how white text looks on a background with the Yxy color 76.5195, 0.3185, 0.3259.

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

76.5195, 0.3185, 0.3259

Protanopia

76.8171, 0.3142, 0.3269

Deuteranopia

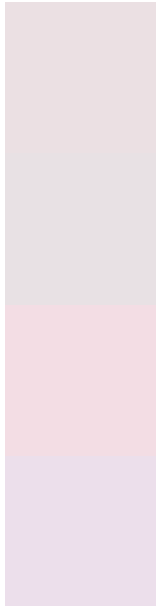
76.2209, 0.3276, 0.3199



Tritanopia

76.5383, 0.3115, 0.3105

Trichromacy



Original Color

76.5195, 0.3185, 0.3259

Protanomaly

76.6077, 0.3157, 0.3259

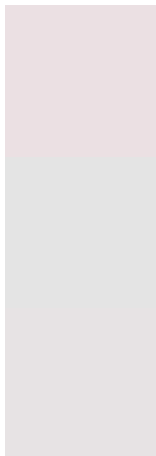
Deuteranomaly

76.3690, 0.3238, 0.3218

Tritanomaly

76.6064, 0.3140, 0.3166

Monochromacy



Original Color

76.5195, 0.3185, 0.3259

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.5285, 0.3148, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5195, 0.3185, 0.3259 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(235, 224, 227)` looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 227)  
}
```

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(235, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 227) }
```

Border

The CSS property to change the border of an element to Yxy 76.5195, 0.3185, 0.3259 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(235, 224, 227) }
```

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

```
.border{ border-color:rgb(235, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 224, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 224, 227); box-shadow:4px 4px 4px 4px rgb(235, 224, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5195, 0.3185, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 227) }
```

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

```
.background{ background-color: rgb(235,  
224, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor