

Converting Colors

Yxy(78.6710, 0.3151, 0.3383)

Have a look what the booklet for
Yxy(78.6710, 0.3151, 0.3383)
contains.

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Color

Yxy(78.5945, 0.3150, 0.3386)

Conversions

Conversions Part 1	
Format	Color
Hex	E2E7DE
RGB	226, 231, 222
RGB Percent	89%, 91%, 87%
CMY	0.1138, 0.0941, 0.1295
CMYK	0.02, 0.00, 0.04, 0.09
HSL	93°, 16%, 89%
HSV	93°, 4%, 91%
XYZ	73.1166, 78.5945, 80.4050
YIQ	228.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

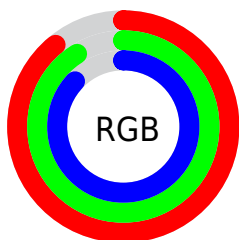
Format	Color
RYB	222, 231, 227
Decimal	14870494
CIELab	91.05, -3.29, 3.80
CIELCh	91, 5.021, 130.897
Yxy	78.5945, 0.3150, 0.3386
Android (android.graphics.Color)	4293060574 (0xFFE2E7DE)
YUV	228.4790, -3.1941, -2.1741
Hunter-Lab	88.6535, -7.9267, 8.2840

Details

The Yxy color 78.5945, 0.3150, 0.3386 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 74.3322, 0.3104, 0.3194, and the grayscale version is 77.9747, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 42.1079, 0.3157, 0.3400 is the 20% darker color. If you saturate the color by 10%, you get 75.4400, 0.3208, 0.3648, and if you desaturate by 10%, it is 82.0816, 0.3092, 0.3148.

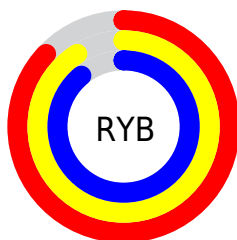
Distribution



Red (89%)

Green (91%)

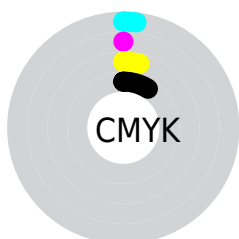
Blue (87%)



Red (87%)

Yellow (91%)

Blue (89%)

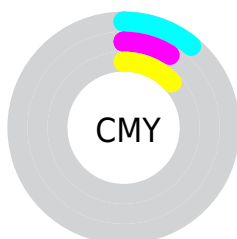


Cyan (2%)

Magenta (0%)

Yellow (4%)

Black (9%)



Cyan (11%)

Magenta (9%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.5945, 0.3150, 0.3386 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 78.5945, 0.3150, 0.3386 by changing the saturation by 10% instead.


 78.5945, 0.3150,
0.3386

 78.5945, 0.3150,
0.3386


490.1835, 0.3140,
0.3342

 58.5625, 0.3152,
0.3396


131.3878, 0.3146,
0.3371

 42.2610, 0.3155,
0.3408


164.9179, 0.3145,
0.3365

 29.3057, 0.3159,
0.3424


203.7162, 0.3144,
0.3360

 19.3122, 0.3163,
0.3444

248.1670, 0.3143,
0.3355

 11.8961, 0.3169,
0.3472

298.6547, 0.3142,
0.3351

 6.6730, 0.3178,
0.3511


355.5638, 0.3141,


 3.2584, 0.3190,

0.3348

0.3573


419.2786, 0.3140,
0.3345

 1.2681, 0.3211,
0.3681


 0.1163, 0.2066,
0.7934


 78.5945, 0.3150,
0.3386

 78.5945, 0.3150,
0.3386

 75.4400, 0.3208,
0.3648


 82.0816, 0.3092,
0.3148

 72.5978, 0.3264,
0.3931

 85.0229, 0.3116,
0.3057

 70.0604, 0.3315,
0.4231

 85.6400, 0.3138,
0.3058

 67.8162, 0.3357,
0.4540

■ 65.8529, 0.3386,
0.4845

■ 64.1571, 0.3399,
0.5130

■ 62.7140, 0.3391,
0.5379

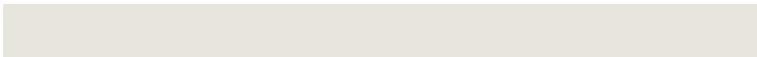
■ 61.5070, 0.3363,
0.5578

■ 60.5165, 0.3316,
0.5716

Harmonies

Analogous

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



78.5945, 0.3204, 0.3392



78.5945, 0.3150, 0.3386



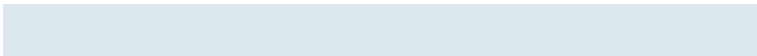
78.5945, 0.3091, 0.3354

Triad

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



78.5945, 0.3150, 0.3386



78.5945, 0.3018, 0.3210



78.5945, 0.3214, 0.3275

Complementary

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



78.5945, 0.3150, 0.3386



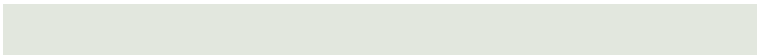
74.3322, 0.3104, 0.3194

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.



78.5945, 0.3163, 0.3228



78.5945, 0.3150, 0.3386



78.5945, 0.3051, 0.3190

Square

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



78.5945, 0.3150, 0.3386



78.5945, 0.3015, 0.3252



78.5945, 0.3104, 0.3197



78.5945, 0.3241, 0.3327

Rectangle

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



78.5945, 0.3150, 0.3386



78.5945, 0.3056, 0.3322



78.5945, 0.3104, 0.3197



78.5945, 0.3199, 0.3258

Sweetspot

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



78.5979, 0.3150, 0.3386



99.5684, 0.3133, 0.3314



77.1730, 0.3188, 0.3343



21.3163, 0.3133, 0.3313



0.0000, 0.0000, 0.0000



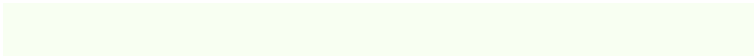
21.4041, 0.3127, 0.3290

Same Dimension

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



78.5979, 0.3150, 0.3386



97.8835, 0.3157, 0.3414



77.9825, 0.3120, 0.3382



16.6583, 0.3160, 0.3430



33.7048, 0.3294, 0.5767



2.5450, 0.3408, 0.5676

Inverse Universe

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



74.3322, 0.3104, 0.3194



91.0779, 0.3097, 0.3166



74.9654, 0.3135, 0.3200



15.3539, 0.3092, 0.3150



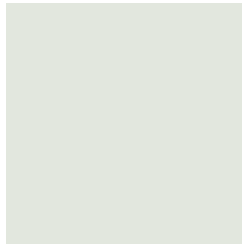
5.9122, 0.2141, 0.0953



0.4917, 0.2291, 0.1035

Previews

White Background



This preview shows how the Yxy color 78.5945, 0.3150, 0.3386 looks on a white background.

Color Contrast Check

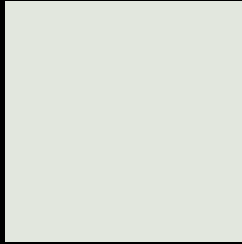
Large Text (above 18pt) WCAG AA × Fail

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 78.5945, 0.3150, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

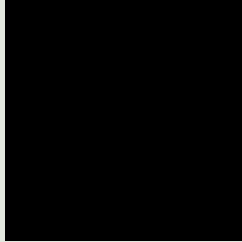
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

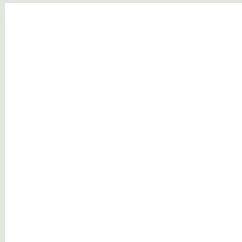
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.5945, 0.3150, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 78.5945, 0.3150, 0.3386.

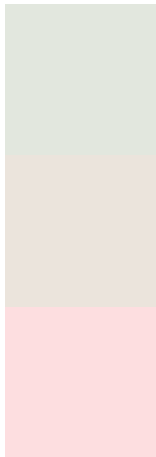


This preview shows how white text looks on a background with the Yxy color 78.5945, 0.3150, 0.3386.

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

78.5945, 0.3150, 0.3386

Protanopia

78.3163, 0.3228, 0.3374

Deuteranopia

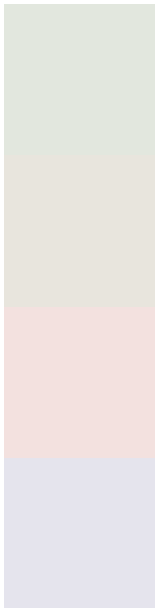
78.5070, 0.3336, 0.3271



Tritanopia

78.3537, 0.3034, 0.3104

Trichromacy



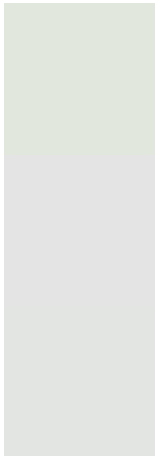
Original Color
78.5945, 0.3150, 0.3386

Protanomaly
78.4149, 0.3199, 0.3374

Deuteranomaly
78.2328, 0.3268, 0.3311

Tritanomaly
78.2592, 0.3077, 0.3196

Monochromacy



Original Color
78.5945, 0.3150, 0.3386

Achromatopsia
77.5822, 0.3127, 0.3290

Achromatomaly
77.8605, 0.3133, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5945, 0.3150, 0.3386 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(226, 231, 222) looks like.

```
.text, #text, p{  
    color:rgb(226, 231, 222)  
}
```

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(226, 231, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 231, 222) }
```

Border

The CSS property to change the border of an element to Yxy 78.5945, 0.3150, 0.3386 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(226, 231, 222) }
```

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

```
.border{ border-color:rgb(226, 231, 222) }
```

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

Here you see how a box with a 4 pixel rgb(226, 231, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 231, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 231, 222);  
box-shadow:4px 4px 4px 4px rgb(226, 231,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5945, 0.3150, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 231, 222) }
```

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

```
.background{ background-color: rgb(226,  
231, 222) }
```

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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