

Converting Colors

Yxy(78.6119, 0.3093, 0.3441)

Have a look what the booklet for
Yxy(78.6119, 0.3093, 0.3441)
contains.

Yxy(78.6119, 0.3093, 0.3441)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.6119, 0.3093, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	D8EADC
RGB	216, 234, 220
RGB Percent	85%, 92%, 86%
CMY	0.1530, 0.0823, 0.1371
CMYK	0.08, 0.00, 0.06, 0.08
HSL	133°, 30%, 88%
HSV	133°, 8%, 92%
XYZ	70.6616, 78.6119, 79.1830
YIQ	227.0220, -6.2340, -8.1700

Conversions

Conversions Part 2

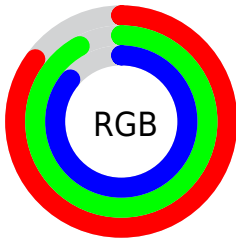
Format	Color
R _Y B	216, 231, 234
Decimal	14215900
CIE Lab	91.06, -8.51, 4.73
CIE LCh	91, 9.733, 150.930
Yxy	78.6119, 0.3093, 0.3441
Android (android.graphics.Color)	4292405980 (0xFFD8EADC)
YUV	227.0220, -3.4618, -9.6663
Hunter-Lab	88.6634, -12.9026, 9.1139

Details

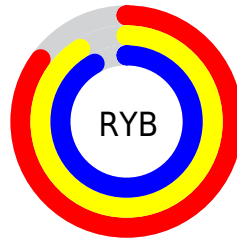
The Yxy color **78.6119, 0.3093, 0.3441** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.3121, 0.3163, 0.3144**, and the grayscale version is **76.8644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.1345, 0.3084, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **74.3911, 0.3048, 0.3660**, and if you desaturate by 10%, it is **83.4513, 0.3137, 0.3248**.

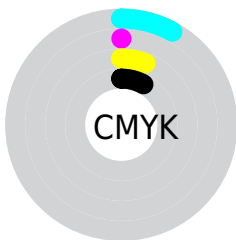
Distribution



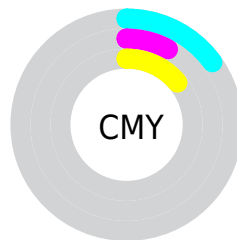
- Red (85%)
- Green (92%)
- Blue (86%)



- Red (85%)
- Yellow (91%)
- Blue (92%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)





- Cyan (15%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.6119, 0.3093, 0.3441 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 78.6119, 0.3093, 0.3441 by changing the saturation by 10% instead.


 78.6119, 0.3093,
0.3441

 78.6119, 0.3093,
0.3441


490.2424, 0.3109,
0.3371

 58.5768, 0.3089,
0.3457


131.4124, 0.3099,
0.3417

 42.2725, 0.3085,
0.3477


164.9465, 0.3101,
0.3407

 29.3147, 0.3079,
0.3501


203.7490, 0.3103,
0.3399

 19.3190, 0.3071,
0.3534

248.2044, 0.3104,
0.3392

 11.9010, 0.3060,
0.3579

298.6971, 0.3106,
0.3386

 6.6763, 0.3045,
0.3643

355.6114, 0.3107,

 3.2605, 0.3020,

0.3381

0.3744

419.3317, 0.3108,
0.3376

■ 1.2692, 0.2973,
0.3926

■ 0.1172, 0.0000,
1.0000

■ 78.6119, 0.3093,
0.3441

■ 78.6119, 0.3093,
0.3441

■ 74.3911, 0.3048,
0.3660

■ 83.4513, 0.3137,
0.3248

■ 70.7543, 0.3005,
0.3905

■ 87.3283, 0.3137,
0.3088

■ 67.6784, 0.2965,
0.4173

■ 65.1350, 0.2931,
0.4460

■ 63.0932, 0.2906,
0.4756

■ 61.5190, 0.2892,
0.5048

■ 60.3737, 0.2893,
0.5320

■ 59.6124, 0.2907,
0.5556

■ 59.1755, 0.2933,
0.5742

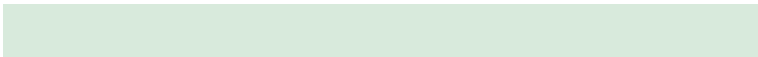
Harmonies

Analogous

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



78.6119, 0.3208, 0.3487



78.6119, 0.3093, 0.3441



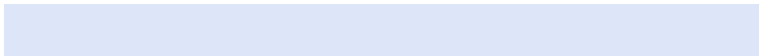
78.6119, 0.2989, 0.3352

Triad

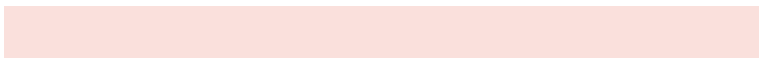
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.6119, 0.3093, 0.3441



78.6119, 0.2953, 0.3104



78.6119, 0.3337, 0.3327

Complementary

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



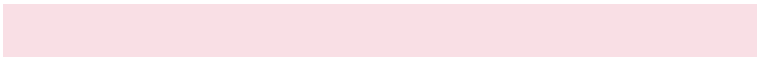
78.6119, 0.3093, 0.3441



72.3121, 0.3163, 0.3144

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.



78.6119, 0.3266, 0.3228



78.6119, 0.3093, 0.3441



78.6119, 0.3044, 0.3101

Square

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



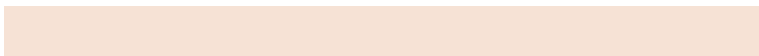
78.6119, 0.3093, 0.3441



78.6119, 0.2909, 0.3157



78.6119, 0.3159, 0.3146



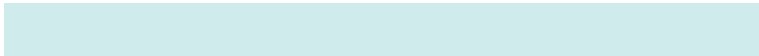
78.6119, 0.3350, 0.3419

Rectangle

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



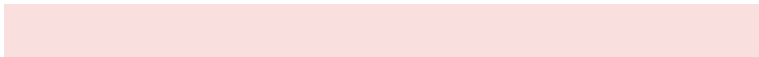
78.6119, 0.3093, 0.3441



78.6119, 0.2939, 0.3282



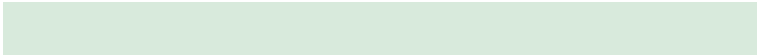
78.6119, 0.3159, 0.3146



78.6119, 0.3319, 0.3294

Sweetspot

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



78.6153, 0.3093, 0.3441



98.7934, 0.3118, 0.3328



80.6456, 0.3214, 0.3480



21.1585, 0.3119, 0.3326



0.0000, 0.0000, 0.0000



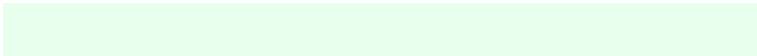
21.4041, 0.3127, 0.3290

Same Dimension

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



78.6153, 0.3093, 0.3441



94.8104, 0.3087, 0.3469



79.0977, 0.3039, 0.3344



16.9175, 0.3085, 0.3478



33.2257, 0.2932, 0.5754



2.6232, 0.2861, 0.5498

Inverse Universe

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



72.3121, 0.3163, 0.3144



85.8940, 0.3170, 0.3117



71.8267, 0.3224, 0.3236



15.2525, 0.3172, 0.3109



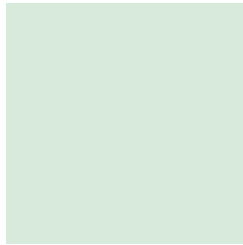
11.7354, 0.3872, 0.1907



0.9357, 0.3762, 0.1846

Previews

White Background



This preview shows how the Yxy color 78.6119, 0.3093, 0.3441 looks on a white background.

Color Contrast Check

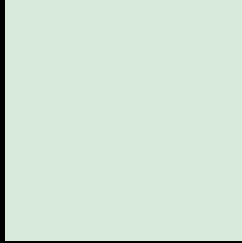
Large Text (above 18pt) WCAG AA × Fail

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 78.6119, 0.3093, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

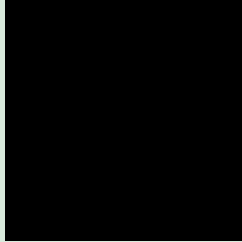
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

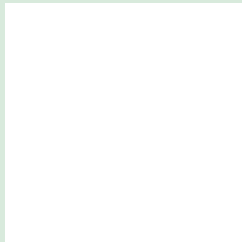
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.6119, 0.3093, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 78.6119, 0.3093, 0.3441.

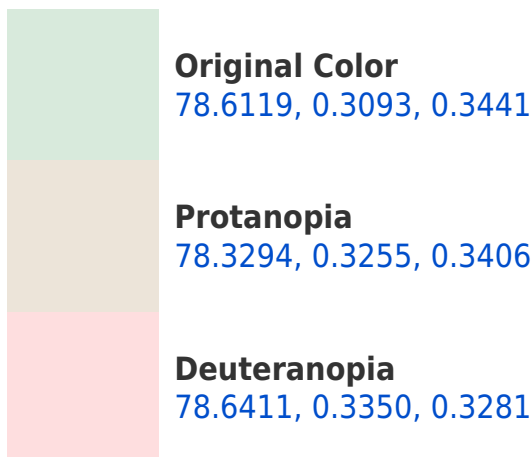


This preview shows how white text looks on a background with the Yxy color 78.6119, 0.3093, 0.3441.

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





Tritanopia

78.7431, 0.2957, 0.3102

Trichromacy



Original Color

78.6119, 0.3093, 0.3441

Protanomaly

78.3136, 0.3197, 0.3417

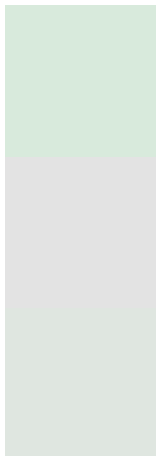
Deuteranomaly

78.1919, 0.3252, 0.3332

Tritanomaly

78.3849, 0.3004, 0.3216

Monochromacy



Original Color

78.6119, 0.3093, 0.3441

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.6634, 0.3117, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6119, 0.3093, 0.3441 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(216, 234, 220)` looks like.

```
.text, #text, p{  
    color:rgb(216, 234, 220)  
}
```

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(216, 234, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 234, 220) }
```

Border

The CSS property to change the border of an element to Yxy 78.6119, 0.3093, 0.3441 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(216, 234, 220) }
```

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

```
.border{ border-color:rgb(216, 234, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 234, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 234, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 234, 220); box-shadow:4px 4px 4px 4px rgb(216, 234, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6119, 0.3093, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 234, 220) }
```

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

```
.background{ background-color: rgb(216,  
234, 220) }
```

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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