

Converting Colors

$Yxy(76.3004, 0.3079, 0.3406)$

Have a look what the booklet for
Yxy(76.3004, 0.3079, 0.3406)
contains.

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Color

Yxy(76.6153, 0.3081, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	D6E7DC
RGB	214, 231, 220
RGB Percent	84%, 91%, 86%
CMY	0.1608, 0.0941, 0.1373
CMYK	0.07, 0.00, 0.05, 0.09
HSL	141°, 26%, 87%
HSV	141°, 7%, 91%
XYZ	69.2234, 76.6153, 78.8396
YIQ	224.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

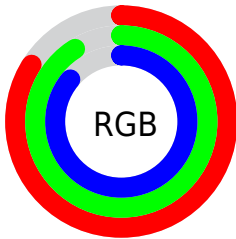
Format	Color
R_{YB}	214, 227, 231
Decimal	14084060
CIE Lab	90.14, -7.66, 3.41
CIE LCh	90, 8.387, 155.984
Yxy	76.6153, 0.3081, 0.3410
Android (android.graphics.Color)	4292274140 (0xFFD6E7DC)
YUV	224.6630, -2.2989, -9.3515
Hunter-Lab	87.5302, -12.0108, 7.8678

Details

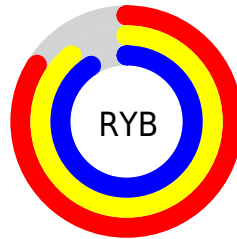
The Yxy color **76.6153, 0.3081, 0.3410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5195, 0.3176, 0.3173**, and the grayscale version is **75.0619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7475, 0.3068, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **72.6279, 0.3019, 0.3591**, and if you desaturate by 10%, it is **81.1731, 0.3144, 0.3250**.

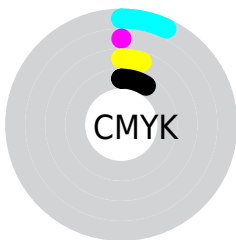
Distribution



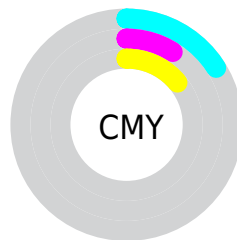
- Red (84%)
- Green (91%)
- Blue (86%)



- Red (84%)
- Yellow (89%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)





- Cyan (16%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6153, 0.3081, 0.3410 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 76.6153, 0.3081, 0.3410 by changing the saturation by 10% instead.

 76.6153, 0.3081,
0.3410

 76.6153, 0.3081,
0.3410

483.4514, 0.3102,
0.3355

 56.9372, 0.3076,
0.3423


128.5963, 0.3088,
0.3391

 40.9548, 0.3070,
0.3438


161.6680, 0.3091,
0.3383

 28.2838, 0.3062,
0.3458


199.9730, 0.3094,
0.3377

 18.5397, 0.3052,
0.3485

243.8957, 0.3096,
0.3371

 11.3381, 0.3038,
0.3520

293.8204, 0.3098,
0.3366

 6.2948, 0.3018,
0.3572

350.1317, 0.3100,

 3.0251, 0.2986,

0.3362

0.3654

413.2139, 0.3101,
0.3358

■ 1.1449, 0.2927,
0.3803

■ 0.0160, 0.0000,
1.0000

■ 76.6153, 0.3081,
0.3410

■ 76.6153, 0.3081,
0.3410

■ 72.6279, 0.3019,
0.3591

■ 81.1731, 0.3144,
0.3250

■ 69.1786, 0.2959,
0.3792

■ 85.3133, 0.3170,
0.3106

■ 66.2467, 0.2905,
0.4014

■ 85.6361, 0.3138,
0.3058

■ 63.8064, 0.2859,
0.4252

■ 61.8294, 0.2824,
0.4501

■ 60.2845, 0.2804,
0.4755

■ 59.1368, 0.2802,
0.5003

■ 58.3451, 0.2817,
0.5234

■ 57.8558, 0.2849,
0.5438

Harmonies

Analogous

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



76.6153, 0.3181, 0.3458



76.6153, 0.3081, 0.3410



76.6153, 0.2994, 0.3329

Triad

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



76.6153, 0.3081, 0.3410



76.6153, 0.2987, 0.3124



76.6153, 0.3315, 0.3337

Complementary

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



76.6153, 0.3081, 0.3410



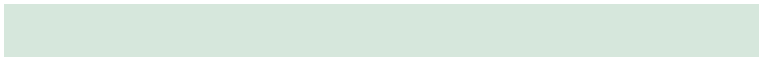
70.5195, 0.3176, 0.3173

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.



76.6153, 0.3261, 0.3250



76.6153, 0.3081, 0.3410



76.6153, 0.3071, 0.3129

Square

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



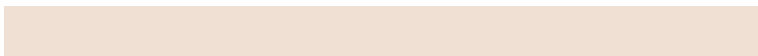
76.6153, 0.3081, 0.3410



76.6153, 0.2940, 0.3164



76.6153, 0.3172, 0.3175



76.6153, 0.3317, 0.3413

Rectangle

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



76.6153, 0.3081, 0.3410



76.6153, 0.2955, 0.3268



76.6153, 0.3172, 0.3175



76.6153, 0.3302, 0.3308

Sweetspot

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



76.6186, 0.3081, 0.3410



98.8345, 0.3115, 0.3322



78.0273, 0.3195, 0.3472



21.1669, 0.3115, 0.3320



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.



76.6186, 0.3081, 0.3410



94.9832, 0.3070, 0.3439



77.0788, 0.3029, 0.3317



16.1726, 0.3068, 0.3446



32.3973, 0.2850, 0.5458



2.4112, 0.2767, 0.5161

Inverse Universe

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



70.5195, 0.3176, 0.3173



85.7118, 0.3189, 0.3145



70.0686, 0.3235, 0.3263



14.5245, 0.3192, 0.3139



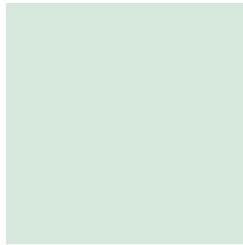
10.7771, 0.4344, 0.2167



0.8139, 0.4135, 0.2052

Previews

White Background



This preview shows how the Yxy color 76.6153, 0.3081, 0.3410 looks on a white background.

Color Contrast Check

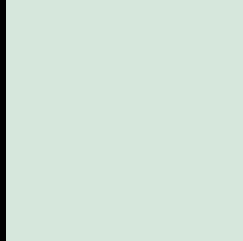
Large Text (above 18pt) WCAG AA × Fail

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 76.6153, 0.3081, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

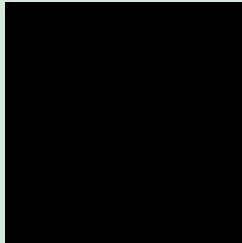
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

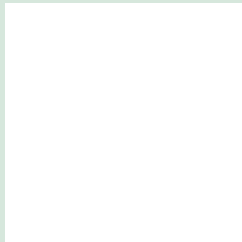
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6153, 0.3081, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 76.6153, 0.3081, 0.3410.

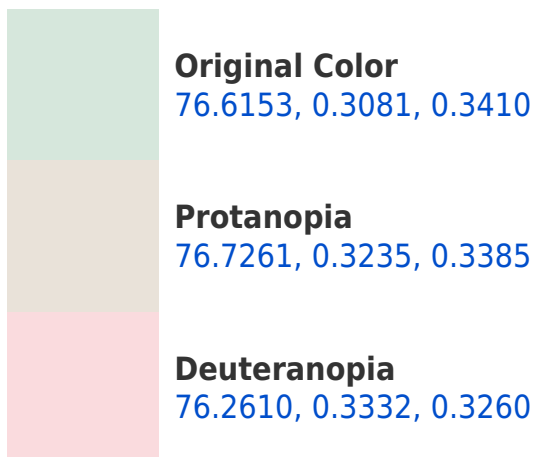


This preview shows how white text looks on a background with the Yxy color 76.6153, 0.3081, 0.3410.

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

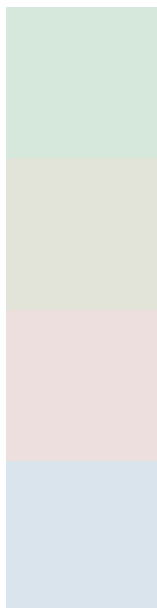




Tritanopia

76.4362, 0.2955, 0.3100

Trichromacy



Original Color

76.6153, 0.3081, 0.3410

Protanomaly

76.7175, 0.3178, 0.3397

Deuteranomaly

76.0003, 0.3240, 0.3311

Tritanomaly

76.2946, 0.3003, 0.3204

Monochromacy



Original Color

76.6153, 0.3081, 0.3410

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.6380, 0.3111, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6153, 0.3081, 0.3410 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(214, 231, 220)` looks like.

```
.text, #text, p{  
    color:rgb(214, 231, 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(214, 231, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 231, 220) }
```

Border

The CSS property to change the border of an element to Yxy 76.6153, 0.3081, 0.3410 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(214, 231, 220) }
```

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

```
.border{ border-color:rgb(214, 231, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 231, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 231, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 231, 220);  
box-shadow:4px 4px 4px 4px rgb(214, 231,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6153, 0.3081, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 231, 220) }
```

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

```
.background{ background-color: rgb(214,  
231, 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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