

Converting Colors

Yxy(76.4694, 0.3195, 0.3659)

Have a look what the booklet for
Yxy(76.4694, 0.3195, 0.3659)
contains.

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Color

Yxy(76.4450, 0.3191, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	D4E9C8
RGB	212, 233, 200
RGB Percent	83%, 91%, 78%
CMY	0.1689, 0.0862, 0.2156
CMYK	0.09, 0.00, 0.14, 0.09
HSL	98°, 43%, 85%
HSV	98°, 14%, 91%
XYZ	66.7039, 76.4450, 65.8886
YIQ	222.9590, -1.9230, -14.7150

Conversions

Conversions Part 2

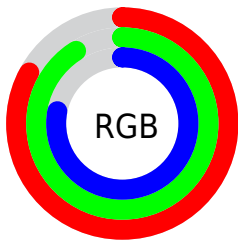
Format	Color
R _Y B	200, 233, 221
Decimal	13953480
CIE Lab	90.07, -12.85, 13.71
CIE LCh	90, 18.785, 133.149
Yxy	76.4450, 0.3191, 0.3657
Android (android.graphics.Color)	4292143560 (0xFFD4E9C8)
YUV	222.9590, -11.3188, -9.6110
Hunter-Lab	87.4328, -16.8271, 16.5226

Details

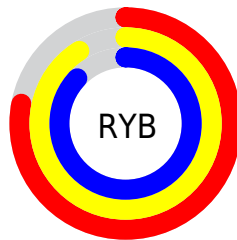
The Yxy color **76.4450, 0.3191, 0.3657** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.5838, 0.3054, 0.2931**, and the grayscale version is **73.8401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6877, 0.3202, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **73.3308, 0.3233, 0.3946**, and if you desaturate by 10%, it is **79.9357, 0.3146, 0.3393**.

Distribution



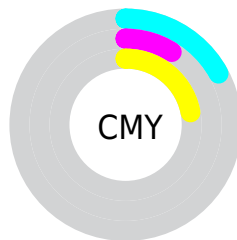
- Red (83%)
- Green (91%)
- Blue (78%)



- Red (78%)
- Yellow (91%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (14%)
- Black (9%)




- Cyan (17%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4450, 0.3191, 0.3657 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 76.4450, 0.3191, 0.3657 by changing the saturation by 10% instead.


 76.4450, 0.3191,
0.3657

 76.4450, 0.3191,
0.3657


482.8697, 0.3164,
0.3485

 56.7975, 0.3197,
0.3697


128.3557, 0.3182,
0.3597

 40.8427, 0.3204,
0.3746


161.3878, 0.3178,
0.3574

 28.1962, 0.3212,
0.3810


199.6501, 0.3175,
0.3554

 18.4736, 0.3222,
0.3893

243.5270, 0.3172,
0.3536

 11.2905, 0.3234,
0.4008

293.4031, 0.3170,
0.3521

 6.2626, 0.3248,
0.4176

349.6626, 0.3167,

 3.0054, 0.3262,

0.3508

0.4445

412.6900, 0.3165,
0.3496

■ 1.1346, 0.3492,
0.5314

■ 0.0073, 0.0000,
1.0000

■ 76.4450, 0.3191,
0.3657

■ 76.4450, 0.3191,
0.3657

■ 73.3308, 0.3233,
0.3946

■ 79.9357, 0.3146,
0.3393

■ 70.5701, 0.3271,
0.4254

■ 83.8051, 0.3101,
0.3154

■ 68.1525, 0.3300,
0.4572

■ 86.7692, 0.3137,
0.3078

■ 66.0631, 0.3317,
0.4889

■ 64.2862, 0.3319,
0.5187

■ 62.8040, 0.3303,
0.5447

■ 61.5970, 0.3270,
0.5652

■ 60.6422, 0.3221,
0.5792

■ 60.1846, 0.3190,
0.5849

Harmonies

Analogous

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



76.4450, 0.3400, 0.3680



76.4450, 0.3191, 0.3657



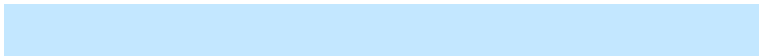
76.4450, 0.2970, 0.3525

Triad

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



76.4450, 0.3191, 0.3657



76.4450, 0.2729, 0.2977



76.4450, 0.3467, 0.3243

Complementary

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



76.4450, 0.3191, 0.3657



62.5838, 0.3054, 0.2931

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.



76.4450, 0.3277, 0.3071



76.4450, 0.3191, 0.3657



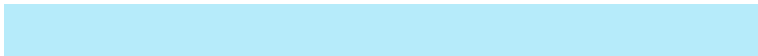
76.4450, 0.2852, 0.2918

Square

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



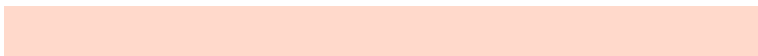
76.4450, 0.3191, 0.3657



76.4450, 0.2709, 0.3123



76.4450, 0.3051, 0.2954



76.4450, 0.3564, 0.3432

Rectangle

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



76.4450, 0.3191, 0.3657



76.4450, 0.2846, 0.3395



76.4450, 0.3051, 0.2954



76.4450, 0.3412, 0.3182

Sweetspot

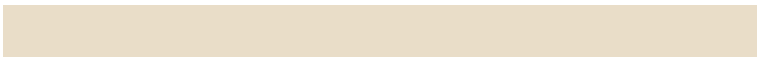
The Sweet Spot groups the original color and five complimentary colors.



76.4483, 0.3191, 0.3657



98.1459, 0.3145, 0.3389



73.1665, 0.3357, 0.3515



20.9345, 0.3149, 0.3408



0.0000, 0.0000, 0.0000



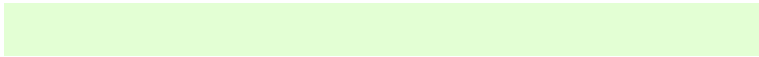
21.4041, 0.3127, 0.3290

Same Dimension

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



76.4483, 0.3191, 0.3657



92.6387, 0.3204, 0.3739



74.9494, 0.3083, 0.3615



17.1271, 0.3170, 0.3530



34.2071, 0.3200, 0.5841



2.7387, 0.3308, 0.5756

Inverse Universe

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



62.5838, 0.3054, 0.2931



72.5405, 0.3036, 0.2853



64.2763, 0.3175, 0.2986



15.0258, 0.3080, 0.3054



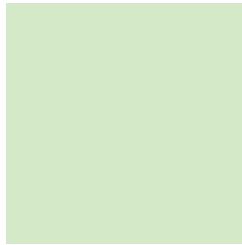
7.0244, 0.2320, 0.1052



0.6055, 0.2443, 0.1119

Previews

White Background



This preview shows how the Yxy color 76.4450, 0.3191, 0.3657 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 76.4450, 0.3191, 0.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

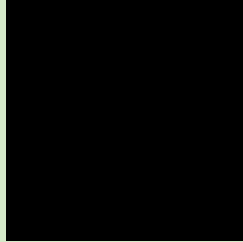
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

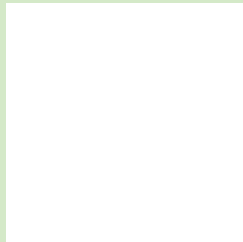
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4450, 0.3191, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 76.4450, 0.3191, 0.3657.

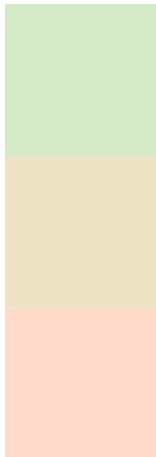


This preview shows how white text looks on a background with the Yxy color 76.4450, 0.3191, 0.3657.

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

76.4450, 0.3191, 0.3657

Protanopia

76.3828, 0.3406, 0.3609

Deuteranopia

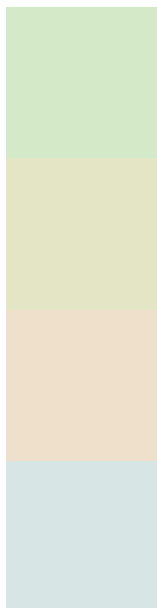
76.2827, 0.3497, 0.3444



Tritanopia

76.5908, 0.2961, 0.3100

Trichromacy



Original Color

76.4450, 0.3191, 0.3657

Protanomaly

76.5638, 0.3329, 0.3636

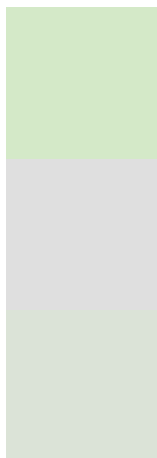
Deuteranomaly

75.9738, 0.3376, 0.3512

Tritanomaly

76.2947, 0.3039, 0.3290

Monochromacy



Original Color

76.4450, 0.3191, 0.3657

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.9045, 0.3149, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4450, 0.3191, 0.3657 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(212, 233, 200)` looks like.

```
.text, #text, p{  
    color:rgb(212, 233, 200)  
}
```

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(212, 233, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 233, 200) }
```

Border

The CSS property to change the border of an element to Yxy 76.4450, 0.3191, 0.3657 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(212, 233, 200) }
```

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

```
.border{ border-color:rgb(212, 233, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 233, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 233, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 233, 200);  
box-shadow:4px 4px 4px 4px rgb(212, 233,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4450, 0.3191, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 233, 200) }
```

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

```
.background{ background-color: rgb(212,  
233, 200) }
```

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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