

Converting Colors

$Yxy(76.3034, 0.3053, 0.3470)$

Have a look what the booklet for
Yxy(76.3034, 0.3053, 0.3470)
contains.

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Color

Yxy(76.5011, 0.3058, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	CFE9D8
RGB	207, 233, 216
RGB Percent	81%, 91%, 85%
CMY	0.1883, 0.0862, 0.1529
CMYK	0.11, 0.00, 0.07, 0.09
HSL	141°, 37%, 86%
HSV	141°, 11%, 91%
XYZ	67.2629, 76.5011, 76.1932
YIQ	223.2880, -10.0390, -10.7990

Conversions

Conversions Part 2

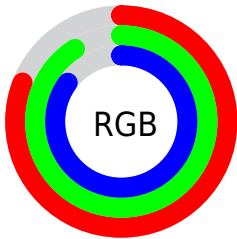
Format	Color
R_{YB}	207, 226, 233
Decimal	13625816
CIE _{Lab}	90.09, -11.72, 5.35
CIE _{LCh}	90, 12.886, 155.446
Yxy	76.5011, 0.3058, 0.3478
Android (android.graphics.Color)	4291815896 (0xFFCFE9D8)
YUV	223.2880, -3.5930, -14.2846
Hunter-Lab	87.4649, -15.7922, 9.5762

Details

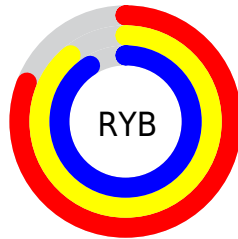
The Yxy color **76.5011, 0.3058, 0.3478** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.3235, 0.3204, 0.3109**, and the grayscale version is **74.0390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7898, 0.3047, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **72.6414, 0.2997, 0.3668**, and if you desaturate by 10%, it is **80.9355, 0.3120, 0.3309**.

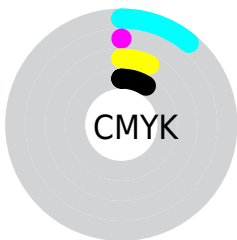
Distribution



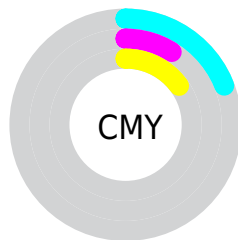
- Red (81%)
- Green (91%)
- Blue (85%)



- Red (81%)
- Yellow (89%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)





- Cyan (19%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5011, 0.3058, 0.3478 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 76.5011, 0.3058, 0.3478 by changing the saturation by 10% instead.

 76.5011, 0.3058,
0.3478

 76.5011, 0.3058,
0.3478


483.0613, 0.3090,
0.3391

 56.8435, 0.3051,
0.3498

128.4350, 0.3069,
0.3448

 40.8796, 0.3041,
0.3523

161.4801, 0.3074,
0.3436

 28.2250, 0.3029,
0.3555


199.7564, 0.3077,
0.3426

 18.4954, 0.3014,
0.3597

243.6485, 0.3081,
0.3417

 11.3062, 0.2992,
0.3654

293.5406, 0.3084,
0.3409

 6.2732, 0.2960,
0.3738

349.8172, 0.3086,

 3.0119, 0.2909,

0.3402

0.3872

412.8626, 0.3088,
0.3396

■ 1.1379, 0.2815,
0.4129

■ 0.0101, 0.0000,
1.0000

■ 76.5011, 0.3058,
0.3478

■ 76.5011, 0.3058,
0.3478

■ 72.6414, 0.2997,
0.3668

■ 80.9355, 0.3120,
0.3309

■ 69.3230, 0.2940,
0.3880

■ 85.9569, 0.3181,
0.3159

■ 66.5239, 0.2889,
0.4110

■ 86.7629, 0.3137,
0.3078

■ 64.2168, 0.2847,
0.4355

■ 62.3717, 0.2818,
0.4609

■ 60.9555, 0.2805,
0.4864

■ 59.9302, 0.2809,
0.5108

■ 59.2507, 0.2832,
0.5330

■ 58.8744, 0.2862,
0.5503

Harmonies

Analogous

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



76.5011, 0.3212, 0.3550



76.5011, 0.3058, 0.3478



76.5011, 0.2925, 0.3352

Triad

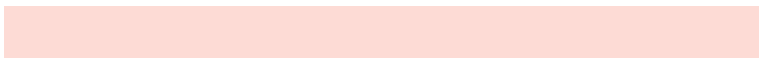
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5011, 0.3058, 0.3478



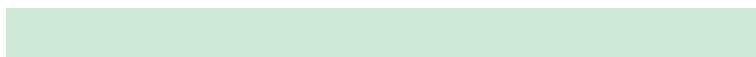
76.5011, 0.2910, 0.3037



76.5011, 0.3416, 0.3358

Complementary

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



76.5011, 0.3058, 0.3478



67.3235, 0.3204, 0.3109

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.



76.5011, 0.3332, 0.3226



76.5011, 0.3058, 0.3478



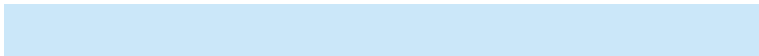
76.5011, 0.3037, 0.3044

Square

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



76.5011, 0.3058, 0.3478



76.5011, 0.2841, 0.3097



76.5011, 0.3192, 0.3113



76.5011, 0.3421, 0.3476

Rectangle

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



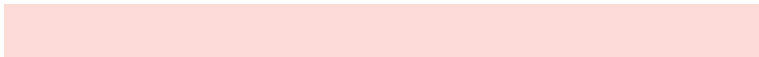
76.5011, 0.3058, 0.3478



76.5011, 0.2865, 0.3257



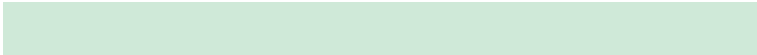
76.5011, 0.3192, 0.3113



76.5011, 0.3396, 0.3314

Sweetspot

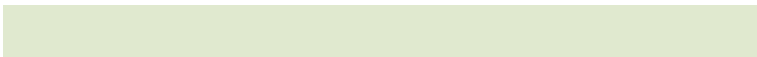
The Sweet Spot groups the original color and five complimentary colors.



76.5043, 0.3058, 0.3478



98.2602, 0.3108, 0.3338



78.6878, 0.3233, 0.3570



20.9346, 0.3103, 0.3351



0.0000, 0.0000, 0.0000



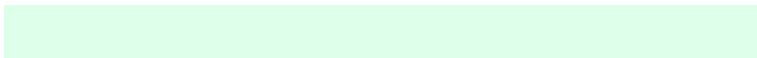
21.4041, 0.3127, 0.3290

Same Dimension

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



76.5043, 0.3058, 0.3478



92.9291, 0.3046, 0.3512



77.1847, 0.2982, 0.3337



16.9484, 0.3068, 0.3448



33.4248, 0.2854, 0.5474



2.6422, 0.2776, 0.5194

Inverse Universe

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



67.3235, 0.3204, 0.3109



79.9243, 0.3218, 0.3077



66.6620, 0.3295, 0.3244



15.2198, 0.3191, 0.3137



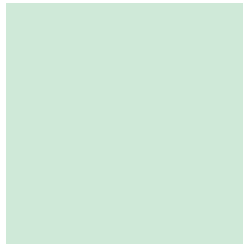
11.1437, 0.4325, 0.2156



0.8931, 0.4130, 0.2049

Previews

White Background



This preview shows how the Yxy color 76.5011, 0.3058, 0.3478 looks on a white background.

Color Contrast Check

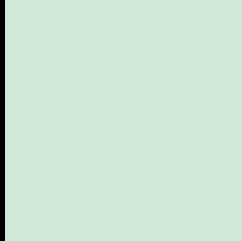
Large Text (above 18pt) WCAG AA × Fail

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 76.5011, 0.3058, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

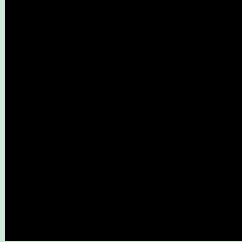
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

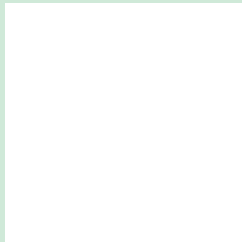
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5011, 0.3058, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 76.5011, 0.3058, 0.3478.

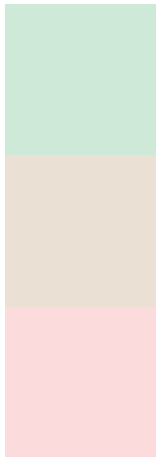


This preview shows how white text looks on a background with the Yxy color 76.5011, 0.3058, 0.3478.

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
Protanopia
Deuteranopia

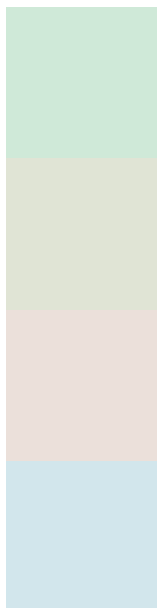
76.5011, 0.3058, 0.3478
76.0963, 0.3277, 0.3428
76.2867, 0.3360, 0.3291



Tritanopia

76.1993, 0.2904, 0.3087

Trichromacy



Original Color

76.5011, 0.3058, 0.3478

Protanomaly

76.1382, 0.3196, 0.3452

Deuteranomaly

76.0354, 0.3245, 0.3353

Tritanomaly

76.3514, 0.2957, 0.3225

Monochromacy



Original Color

76.5011, 0.3058, 0.3478

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.8572, 0.3103, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5011, 0.3058, 0.3478 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(207, 233, 216)` looks like.

```
.text, #text, p{  
    color:rgb(207, 233, 216)  
}
```

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(207, 233, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 233, 216) }
```

Border

The CSS property to change the border of an element to Yxy 76.5011, 0.3058, 0.3478 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(207, 233, 216) }
```

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

```
.border{ border-color:rgb(207, 233, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 233, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 233, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 233, 216);  
box-shadow:4px 4px 4px 4px rgb(207, 233,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5011, 0.3058, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 233, 216) }
```

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

```
.background{ background-color: rgb(207,  
233, 216) }
```

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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