

Converting Colors

$Yxy(76.1067, 0.3284, 0.3795)$

Have a look what the booklet for
Yxy(76.1067, 0.3284, 0.3795)
contains.

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Color

Yxy(76.2048, 0.3282, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	D6E9BC
RGB	214, 233, 188
RGB Percent	84%, 91%, 74%
CMY	0.1606, 0.0863, 0.2628
CMYK	0.08, 0.00, 0.19, 0.09
HSL	85°, 51%, 83%
HSV	85°, 19%, 91%
XYZ	65.9557, 76.2048, 58.8015
YIQ	222.1890, 3.1210, -18.0230

Conversions

Conversions Part 2

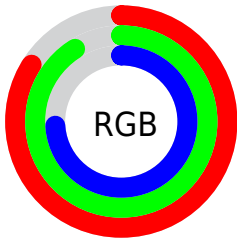
Format	Color
RYB	188, 233, 207
Decimal	14084540
CIELab	89.95, -14.04, 19.81
CIELCh	90, 24.278, 125.317
Yxy	76.2048, 0.3282, 0.3792
Android (android.graphics.Color)	4292274620 (0xFFD6E9BC)
YUV	222.1890, -16.8552, -7.1818
Hunter-Lab	87.2954, -17.9018, 21.1695

Details

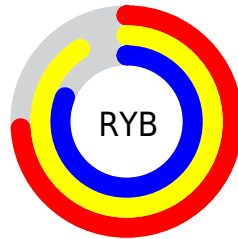
The Yxy color **76.2048, 0.3282, 0.3792** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.1004, 0.2947, 0.2781**, and the grayscale version is **73.3130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **40.5645, 0.3310, 0.3904** is the 20% darker color. If you saturate the color by 10%, you get **73.8507, 0.3359, 0.4075**, and if you desaturate by 10%, it is **78.8166, 0.3202, 0.3523**.

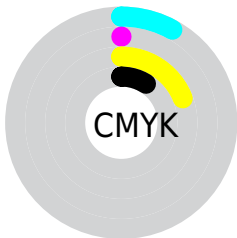
Distribution



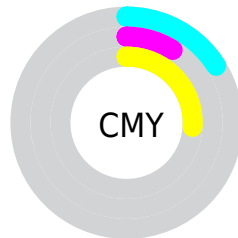
- Red (84%)
- Green (91%)
- Blue (74%)



- Red (74%)
- Yellow (91%)
- Blue (81%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)




- Cyan (16%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2048, 0.3282, 0.3792 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 76.2048, 0.3282, 0.3792 by changing the saturation by 10% instead.

 76.2048, 0.3282,
0.3792

 76.2048, 0.3282,
0.3792

482.0485, 0.3214,
0.3556

 56.6005, 0.3296,
0.3847


 128.0164, 0.3259,
0.3709

 40.6845, 0.3314,
0.3915


160.9924, 0.3250,
0.3678

 28.0727, 0.3335,
0.4001


199.1944, 0.3242,
0.3650

 18.3805, 0.3361,
0.4116

243.0068, 0.3235,
0.3626

 11.2235, 0.3393,
0.4273

292.8140, 0.3229,
0.3605

 6.2174, 0.3432,
0.4501


349.0005, 0.3224,

 2.9777, 0.3474,


0.3587

0.4859

411.9505, 0.3219,
0.3571

 1.1201, 0.3862,
0.6138


 0.0000, 0.0000,
0.0000


 76.2048, 0.3282,
0.3792


 76.2048, 0.3282,
0.3792


 73.8507, 0.3359,
0.4075


 78.8166, 0.3202,
0.3523


 71.7351, 0.3429,
0.4366

 81.6851, 0.3122,
0.3274

 69.8514, 0.3487,
0.4655

 84.6344, 0.3061,
0.3073

 68.1886, 0.3529,
0.4928

 86.4313, 0.3126,
0.3077

■ 66.7348, 0.3549,
0.5171

■ 86.7550, 0.3137,
0.3078

■ 65.4766, 0.3547,
0.5372

■ 64.3983, 0.3520,
0.5521

■ 63.4761, 0.3474,
0.5621

■ 63.4169, 0.3470,
0.5627

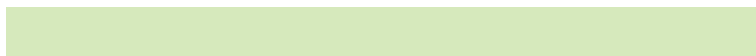
Harmonies

Analogous

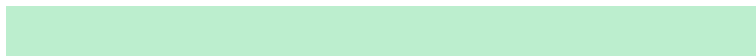
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2048, 0.3537, 0.3777



76.2048, 0.3282, 0.3792



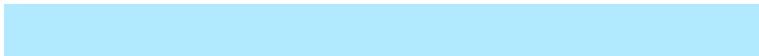
76.2048, 0.2994, 0.3654

Triad

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



76.2048, 0.3282, 0.3792



76.2048, 0.2597, 0.2923



76.2048, 0.3513, 0.3166

Complementary

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



76.2048, 0.3282, 0.3792



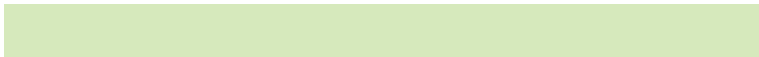
55.1004, 0.2947, 0.2781

Split Complementary

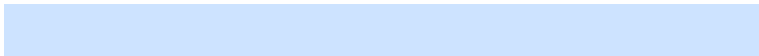
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2048, 0.3244, 0.2963



76.2048, 0.3282, 0.3792



76.2048, 0.2721, 0.2821

Square

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



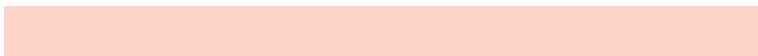
76.2048, 0.3282, 0.3792



76.2048, 0.2607, 0.3133



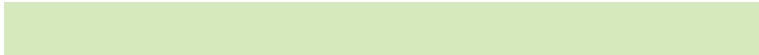
76.2048, 0.2954, 0.2838



76.2048, 0.3677, 0.3406

Rectangle

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



76.2048, 0.3282, 0.3792



76.2048, 0.2822, 0.3495



76.2048, 0.2954, 0.2838



76.2048, 0.3431, 0.3092

Sweetspot

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



76.2081, 0.3282, 0.3792



97.8520, 0.3175, 0.3439



65.4531, 0.3469, 0.3497



20.8958, 0.3181, 0.3456



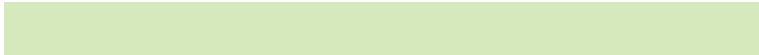
0.0000, 0.0000, 0.0000



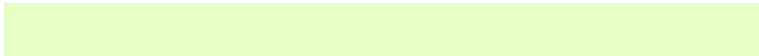
21.4041, 0.3127, 0.3290

Same Dimension

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



76.2081, 0.3282, 0.3792



92.3950, 0.3312, 0.3898



73.0776, 0.3127, 0.3816



17.2928, 0.3203, 0.3527



36.0603, 0.3480, 0.5618



2.8880, 0.3576, 0.5542

Inverse Universe

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



55.1004, 0.2947, 0.2781



62.2371, 0.2906, 0.2671



58.5422, 0.3120, 0.2807



14.8588, 0.3046, 0.3051



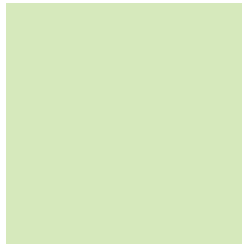
4.8843, 0.1881, 0.0810



0.4390, 0.2036, 0.0895

Previews

White Background



This preview shows how the Yxy color 76.2048, 0.3282, 0.3792 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 76.2048, 0.3282, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

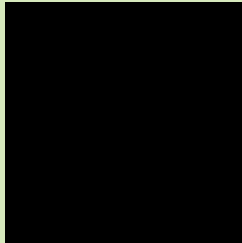
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

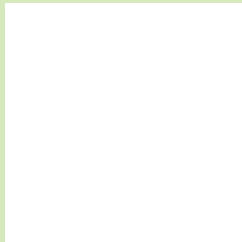
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2048, 0.3282, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 76.2048, 0.3282, 0.3792.



This preview shows how white text looks on a background with the Yxy color 76.2048, 0.3282, 0.3792.

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

76.2048, 0.3282, 0.3792

Protanopia

75.6618, 0.3505, 0.3727

Deuteranopia

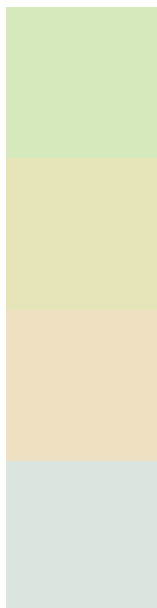
75.9543, 0.3548, 0.3516



Tritanopia

75.8511, 0.2993, 0.3100

Trichromacy



Original Color

76.2048, 0.3282, 0.3792

Protanomaly

75.8126, 0.3425, 0.3756

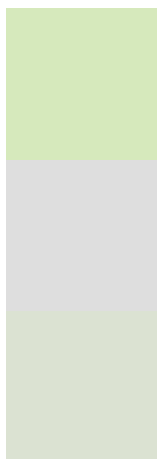
Deuteranomaly

75.7316, 0.3446, 0.3608

Tritanomaly

75.8746, 0.3097, 0.3344

Monochromacy



Original Color

76.2048, 0.3282, 0.3792

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.1059, 0.3182, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2048, 0.3282, 0.3792 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, 233, 188)` looks like.

```
.text, #text, p{  
    color:rgb(214, 233, 188)  
}
```

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, 233, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 233, 188) }
```

Border

The CSS property to change the border of an element to Yxy 76.2048, 0.3282, 0.3792 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, 233, 188) }
```

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

```
.border{ border-color:rgb(214, 233, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 233, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 233, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 233, 188); box-shadow:4px 4px 4px 4px rgb(214, 233, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2048, 0.3282, 0.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 233, 188) }
```

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

```
.background{ background-color: rgb(214,  
233, 188) }
```

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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