

Converting Colors

$Yxy(75.9966, 0.3363, 0.3960)$

Have a look what the booklet for
Yxy(75.9966, 0.3363, 0.3960)
contains.

Yxy(76.0478, 0.3362, 0.3963)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.0478, 0.3362, 0.3963)

Conversions

Conversions Part 1

Format	Color
Hex	D5EAAE
RGB	213, 234, 174
RGB Percent	84%, 92%, 68%
CMY	0.1645, 0.0824, 0.3176
CMYK	0.09, 0.00, 0.26, 0.08
HSL	81°, 59%, 80%
HSV	81°, 26%, 92%
XYZ	64.5149, 76.0478, 51.3318
YIQ	220.8810, 6.7440, -23.1120

Conversions

Conversions Part 2

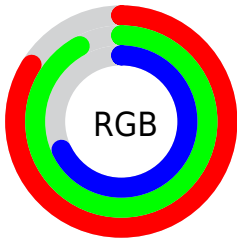
Format	Color
RYB	174, 234, 195
Decimal	14019246
CIELab	89.88, -16.97, 26.90
CIELCh	90, 31.801, 122.247
Yxy	76.0478, 0.3362, 0.3963
Android (android.graphics.Color)	4292209326 (0xFFD5EAAE)
YUV	220.8810, -23.1123, -6.9116
Hunter-Lab	87.2054, -20.5543, 26.1438

Details

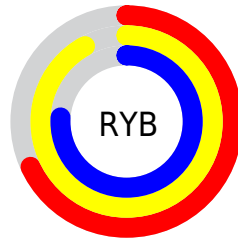
The Yxy color **76.0478, 0.3362, 0.3963** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.8171, 0.2843, 0.2590**, and the grayscale version is **72.3881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **40.4904, 0.3412, 0.4127** is the 20% darker color. If you saturate the color by 10%, you get **74.0247, 0.3448, 0.4245**, and if you desaturate by 10%, it is **78.2982, 0.3271, 0.3689**.

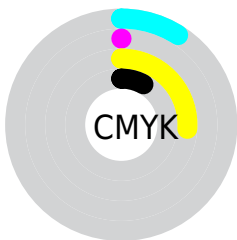
Distribution



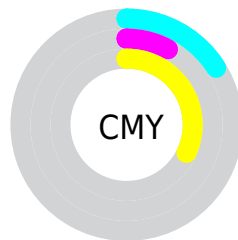
- Red (84%)
- Green (92%)
- Blue (68%)



- Red (68%)
- Yellow (92%)
- Blue (76%)



- Cyan (9%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)




- Cyan (16%)
- Magenta (8%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0478, 0.3362, 0.3963 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 76.0478, 0.3362, 0.3963 by changing the saturation by 10% instead.


 76.0478, 0.3362,
0.3963

 76.0478, 0.3362,
0.3963


481.5113, 0.3260,
0.3645

 56.4717, 0.3383,
0.4037


 127.7945, 0.3328,
0.3852

 40.5812, 0.3408,
0.4128


160.7338, 0.3315,
0.3809

 27.9920, 0.3438,
0.4245


198.8964, 0.3303,
0.3772

 18.3196, 0.3474,
0.4397

242.6666, 0.3292,
0.3740

 11.1797, 0.3516,
0.4606

292.4288, 0.3283,
0.3712

 6.1878, 0.3561,
0.4904

348.5674, 0.3274,

 2.9596, 0.3635,

0.3687

0.5420

411.4668, 0.3267,
0.3665

■ 1.1107, 0.3603,
0.6397

■ 0.0000, 0.0000,
0.0000

■ 76.0478, 0.3362,
0.3963

■ 76.0478, 0.3362,
0.3963

■ 74.0247, 0.3448,
0.4245

■ 78.2982, 0.3271,
0.3689

■ 72.2096, 0.3523,
0.4526

■ 80.7743, 0.3179,
0.3429

■ 70.5961, 0.3584,
0.4794

■ 83.4875, 0.3088,
0.3187

■ 69.1732, 0.3625,
0.5036

■ 85.6060, 0.3076,
0.3084

■ 67.9288, 0.3642,
0.5240

■ 87.1143, 0.3129,
0.3087

■ 66.8488, 0.3634,
0.5396

■ 87.3211, 0.3137,
0.3088

■ 65.9160, 0.3602,
0.5501

■ 65.5430, 0.3583,
0.5537

Harmonies

Analogous

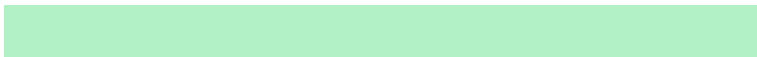
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0478, 0.3688, 0.3912



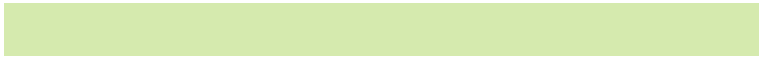
76.0478, 0.3362, 0.3963



76.0478, 0.2986, 0.3802

Triad

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



76.0478, 0.3362, 0.3963



76.0478, 0.2435, 0.2829



76.0478, 0.3601, 0.3096

Complementary

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



76.0478, 0.3362, 0.3963



47.8171, 0.2843, 0.2590

Split Complementary

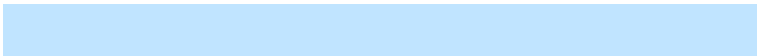
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0478, 0.3237, 0.2846



76.0478, 0.3362, 0.3963



76.0478, 0.2576, 0.2688

Square

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



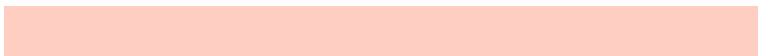
76.0478, 0.3362, 0.3963



76.0478, 0.2465, 0.3112



76.0478, 0.2862, 0.2699



76.0478, 0.3837, 0.3400

Rectangle

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



76.0478, 0.3362, 0.3963



76.0478, 0.2758, 0.3596



76.0478, 0.2862, 0.2699



76.0478, 0.3489, 0.3004

Sweetspot

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



76.0511, 0.3362, 0.3963



97.4288, 0.3201, 0.3490



59.1361, 0.3617, 0.3515



20.7547, 0.3215, 0.3529



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.



76.0511, 0.3362, 0.3963



91.0475, 0.3410, 0.4118



72.0901, 0.3159, 0.4007



17.3485, 0.3214, 0.3527



36.9072, 0.3593, 0.5529



2.9513, 0.3677, 0.5463

Inverse Universe

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



47.8171, 0.2843, 0.2590



51.0259, 0.2768, 0.2421



52.0665, 0.3075, 0.2637



14.8047, 0.3034, 0.3050



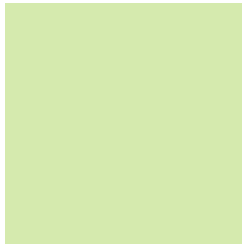
4.4025, 0.1769, 0.0748



0.3976, 0.1921, 0.0832

Previews

White Background



This preview shows how the Yxy color 76.0478, 0.3362, 0.3963 looks on a white background.

Color Contrast Check

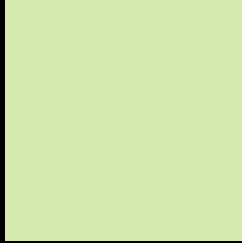
Large Text (above 18pt) WCAG AA × Fail

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 76.0478, 0.3362, 0.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

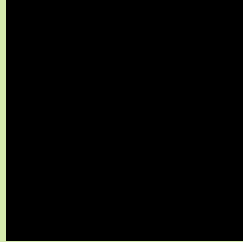
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

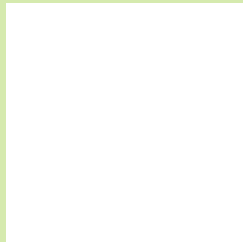
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0478, 0.3362, 0.3963

Background



This preview shows how black text looks on a background with the Yxy color 76.0478, 0.3362, 0.3963.

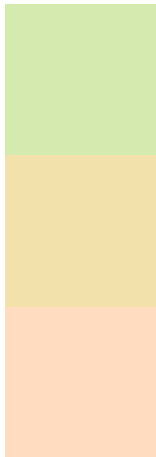


This preview shows how white text looks on a background with the Yxy color 76.0478, 0.3362, 0.3963.

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

76.0478, 0.3362, 0.3963

Protanopia

75.6300, 0.3625, 0.3872

Deuteranopia

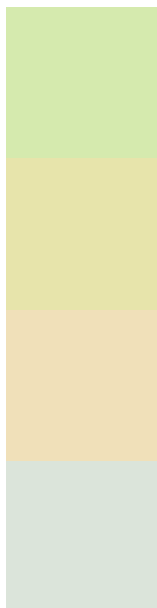
75.6846, 0.3591, 0.3578



Tritanopia

76.0095, 0.3000, 0.3101

Trichromacy



Original Color

76.0478, 0.3362, 0.3963

Protanomaly

75.4160, 0.3527, 0.3908

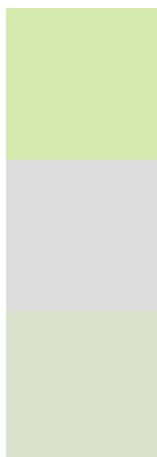
Deuteranomaly

75.3394, 0.3508, 0.3705

Tritanomaly

75.6088, 0.3129, 0.3399

Monochromacy



Original Color

76.0478, 0.3362, 0.3963

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.6578, 0.3214, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0478, 0.3362, 0.3963 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(213, 234, 174)` looks like.

```
.text, #text, p{  
    color:rgb(213, 234, 174)  
}
```

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(213, 234, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 234, 174) }
```

Border

The CSS property to change the border of an element to Yxy 76.0478, 0.3362, 0.3963 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(213, 234, 174) }
```

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

```
.border{ border-color:rgb(213, 234, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 234, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 234, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 234, 174);  
box-shadow:4px 4px 4px 4px rgb(213, 234,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0478, 0.3362, 0.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 234, 174) }
```

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

```
.background{ background-color: rgb(213,  
234, 174) }
```

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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