

Converting Colors

$Yxy(75.5435, 0.3283, 0.3779)$

Have a look what the booklet for
Yxy(75.5435, 0.3283, 0.3779)
contains.

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Color

Yxy(75.6402, 0.3283, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	D6E8BC
RGB	214, 232, 188
RGB Percent	84%, 91%, 74%
CMY	0.1608, 0.0902, 0.2628
CMYK	0.08, 0.00, 0.19, 0.09
HSL	85°, 49%, 82%
HSV	85°, 19%, 91%
XYZ	65.6602, 75.6402, 58.7002
YIQ	221.6020, 3.3960, -17.5000

Conversions

Conversions Part 2

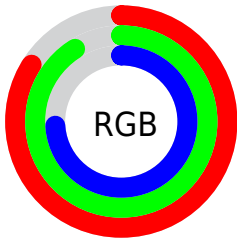
Format	Color
RYB	188, 232, 206
Decimal	14084284
CIELab	89.69, -13.57, 19.45
CIELCh	90, 23.716, 124.894
Yxy	75.6402, 0.3283, 0.3782
Android (android.graphics.Color)	4292274364 (0xFFD6E8BC)
YUV	221.6020, -16.5658, -6.6670
Hunter-Lab	86.9714, -17.4390, 20.8630

Details

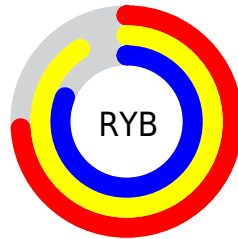
The Yxy color **75.6402, 0.3283, 0.3782** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.9030, 0.2947, 0.2790**, and the grayscale version is **72.8680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **40.1709, 0.3312, 0.3891** is the 20% darker color. If you saturate the color by 10%, you get **73.3349, 0.3362, 0.4064**, and if you desaturate by 10%, it is **78.1962, 0.3201, 0.3514**.

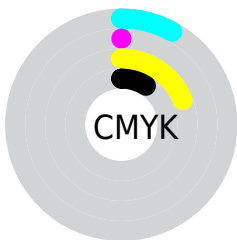
Distribution



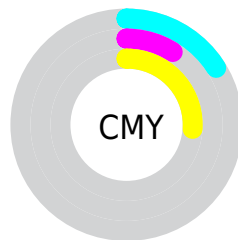
- Red (84%)
- Green (91%)
- Blue (74%)



- 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 75.6402, 0.3283, 0.3782 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 75.6402, 0.3283, 0.3782 by changing the saturation by 10% instead.


 75.6402, 0.3283,
0.3782

 75.6402, 0.3283,
0.3782

480.1151, 0.3214,
0.3551

 56.1375, 0.3298,
0.3836


 127.2182, 0.3260,
0.3701

 40.3132, 0.3315,
0.3903

160.0623, 0.3251,
0.3670

 27.7828, 0.3337,
0.3988


198.1223, 0.3243,
0.3643

 18.1620, 0.3363,
0.4100

241.7826, 0.3236,
0.3619

 11.0664, 0.3396,
0.4255

291.4277, 0.3229,
0.3599

 6.1115, 0.3437,
0.4480


347.4419, 0.3224,

 2.9130, 0.3483,

0.3581


0.4834

410.2096, 0.3219,
0.3565


 1.0865, 0.3879,
0.6121


 0.0000, 0.0000,
0.0000


 75.6402, 0.3283,
0.3782


 75.6402, 0.3283,
0.3782


 73.3349, 0.3362,
0.4064

 78.1962, 0.3201,
0.3514


 71.2614, 0.3434,
0.4353

 81.0015, 0.3119,
0.3266

 69.4133, 0.3495,
0.4640

 83.9005, 0.3055,
0.3062

 67.7798, 0.3539,
0.4912

 85.6289, 0.3117,
0.3067

■ 66.3495, 0.3563,
0.5154

■ 86.1994, 0.3138,
0.3068

■ 65.1092, 0.3563,
0.5355

■ 64.0436, 0.3538,
0.5504

■ 63.1303, 0.3493,
0.5603

■ 63.0429, 0.3488,
0.5612

Harmonies

Analogous

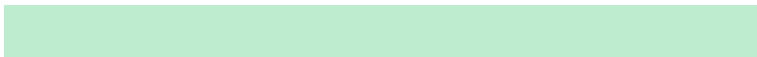
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6402, 0.3532, 0.3766



75.6402, 0.3283, 0.3782



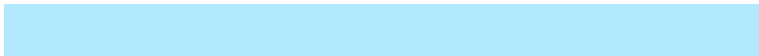
75.6402, 0.3000, 0.3649

Triad

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



75.6402, 0.3283, 0.3782



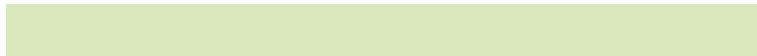
75.6402, 0.2607, 0.2933



75.6402, 0.3501, 0.3165

Complementary

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



75.6402, 0.3283, 0.3782



54.9030, 0.2947, 0.2790

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.



75.6402, 0.3238, 0.2967



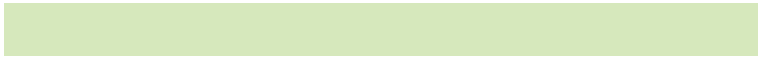
75.6402, 0.3283, 0.3782



75.6402, 0.2726, 0.2831

Square

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



75.6402, 0.3283, 0.3782



75.6402, 0.2619, 0.3140



75.6402, 0.2954, 0.2846



75.6402, 0.3664, 0.3400

Rectangle

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



75.6402, 0.3283, 0.3782



75.6402, 0.2831, 0.3495



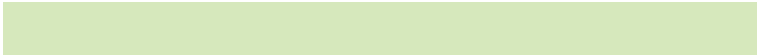
75.6402, 0.2954, 0.2846



75.6402, 0.3421, 0.3093

Sweetspot

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



75.6435, 0.3283, 0.3782



97.8852, 0.3177, 0.3439



64.7320, 0.3464, 0.3485



20.9037, 0.3182, 0.3456



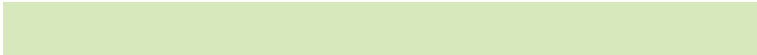
0.0000, 0.0000, 0.0000



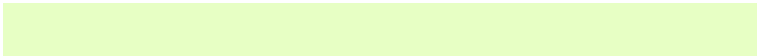
21.4041, 0.3127, 0.3290

Same Dimension

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



75.6435, 0.3283, 0.3782



92.5100, 0.3316, 0.3897



72.6048, 0.3133, 0.3805



16.5078, 0.3205, 0.3527



35.0707, 0.3499, 0.5604



2.6456, 0.3598, 0.5525

Inverse Universe

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



54.9030, 0.2947, 0.2790



62.1286, 0.2901, 0.2670



58.2117, 0.3115, 0.2815



14.1737, 0.3044, 0.3052



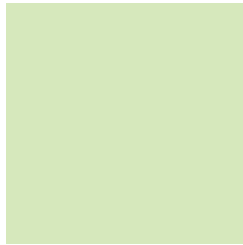
4.6529, 0.1862, 0.0799



0.3970, 0.2026, 0.0890

Previews

White Background



This preview shows how the Yxy color 75.6402, 0.3283, 0.3782 looks on a white background.

Color Contrast Check

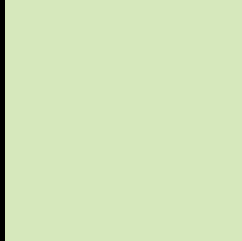
Large Text (above 18pt) WCAG AA × Fail

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 75.6402, 0.3283, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

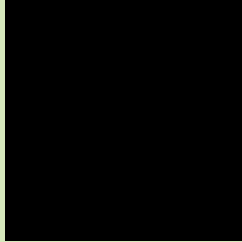
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

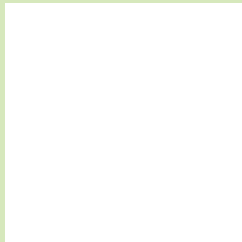
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.6402, 0.3283, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 75.6402, 0.3283, 0.3782.

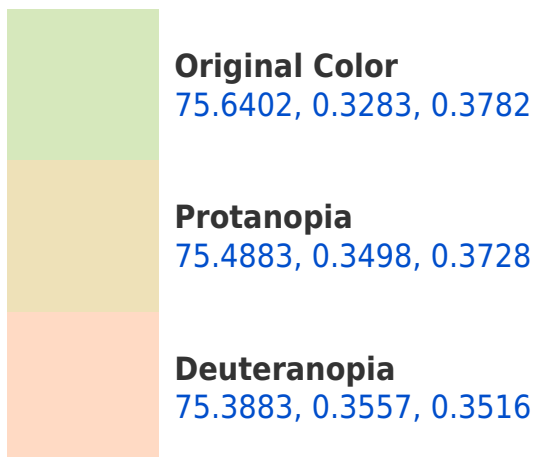


This preview shows how white text looks on a background with the Yxy color 75.6402, 0.3283, 0.3782.

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

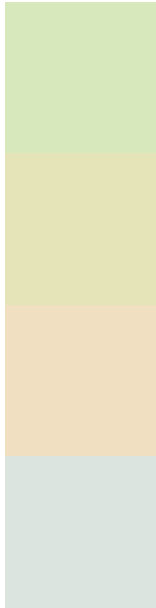




Tritanopia

75.7908, 0.2999, 0.3111

Trichromacy



Original Color

75.6402, 0.3283, 0.3782

Protanomaly

75.6476, 0.3418, 0.3757

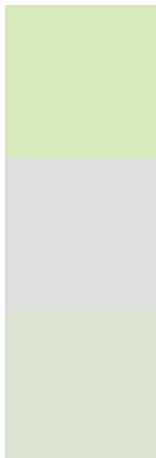
Deuteranomaly

75.1509, 0.3455, 0.3608

Tritanomaly

75.8208, 0.3104, 0.3355

Monochromacy



Original Color

75.6402, 0.3283, 0.3782

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 75.6402, 0.3283, 0.3782 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, 232, 188)` looks like.

```
.text, #text, p{  
    color:rgb(214, 232, 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, 232, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 232, 188) }
```

Border

The CSS property to change the border of an element to Yxy 75.6402, 0.3283, 0.3782 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, 232, 188) }
```

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

```
.border{ border-color:rgb(214, 232, 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, 232, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 232, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 232, 188);  
box-shadow:4px 4px 4px 4px rgb(214, 232,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6402, 0.3283, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 232, 188) }
```

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

```
.background{ background-color: rgb(214,  
232, 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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