

Converting Colors

$Yxy(76.7881, 0.3288, 0.4237)$

Have a look what the booklet for
Yxy(76.7881, 0.3288, 0.4237)
contains.

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Color

Yxy(76.6551, 0.3287, 0.4233)

Conversions

Conversions Part 1

Format	Color
Hex	C0F1A0
RGB	192, 241, 160
RGB Percent	75%, 95%, 63%
CMY	0.2473, 0.0548, 0.3726
CMYK	0.20, 0.00, 0.34, 0.05
HSL	96°, 74%, 79%
HSV	96°, 34%, 95%
XYZ	59.5241, 76.6551, 44.9101
YIQ	217.1150, -3.2030, -35.5790

Conversions

Conversions Part 2

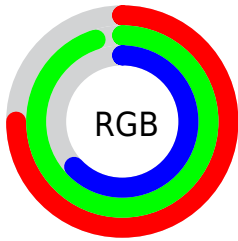
Format	Color
RYB	160, 241, 209
Decimal	12644768
CIELab	90.16, -29.82, 34.16
CIElCh	90, 45.345, 131.114
Yxy	76.6551, 0.3287, 0.4233
Android (android.graphics.Color)	4290834848 (0xFFC0F1A0)
YUV	217.1150, -28.1577, -22.0259
Hunter-Lab	87.5529, -31.8619, 30.8743

Details

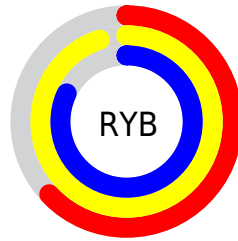
The Yxy color **76.6551, 0.3287, 0.4233** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **45.0574, 0.2900, 0.2386**, and the grayscale version is **69.6615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5660, 0.3324, 0.3686**, and **41.0990, 0.3302, 0.4468** is the 20% darker color. If you saturate the color by 10%, you get **74.0834, 0.3322, 0.4548**, and if you desaturate by 10%, it is **79.5860, 0.3244, 0.3928**.

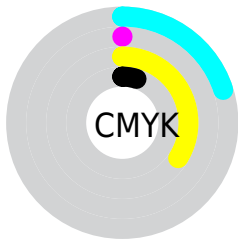
Distribution



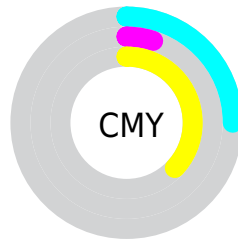
- Red (75%)
- Green (95%)
- Blue (63%)



- Red (63%)
- Yellow (95%)
- Blue (82%)



- Cyan (20%)
- Magenta (0%)
- Yellow (34%)
- Black (5%)





- Cyan (25%)
- Magenta (5%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6551, 0.3287, 0.4233 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 76.6551, 0.3287, 0.4233 by changing the saturation by 10% instead.


 76.6551, 0.3287,
0.4233

 76.6551, 0.3287,
0.4233


483.5873, 0.3227,
0.3781

 56.9698, 0.3297,
0.4339


 128.6525, 0.3269,
0.4074

 40.9810, 0.3306,
0.4471

 161.7334, 0.3262,
0.4013

 28.3043, 0.3314,
0.4640


200.0484, 0.3255,
0.3960

 18.5551, 0.3318,
0.4862

243.9818, 0.3248,
0.3915

 11.3493, 0.3310,
0.5166

293.9180, 0.3242,
0.3875

 6.3023, 0.3269,
0.5598


350.2413, 0.3237,


 3.0297, 0.3315,


0.3840


0.6594


413.3363, 0.3232,
0.3809


 1.1473, 0.2294,
0.7706


 0.0180, 0.0000,
1.0000


 76.6551, 0.3287,
0.4233


 76.6551, 0.3287,
0.4233

 74.0834, 0.3322,
0.4548


 79.5860, 0.3244,
0.3928


 71.8461, 0.3344,
0.4861

 82.8803, 0.3196,
0.3642

 69.9302, 0.3350,
0.5156

 86.5543, 0.3146,
0.3379

 68.3179, 0.3338,
0.5413

 90.5301, 0.3103,
0.3155

■ 66.9893, 0.3307,
0.5618

■ 91.4037, 0.3133,
0.3156

■ 65.9211, 0.3259,
0.5760

■ 65.3565, 0.3223,
0.5823

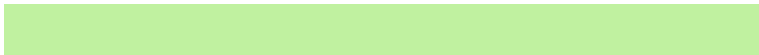
Harmonies

Analogous

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



76.6551, 0.3786, 0.4221



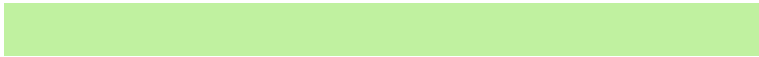
76.6551, 0.3287, 0.4233



76.6551, 0.2769, 0.3914

Triad

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



76.6551, 0.3287, 0.4233



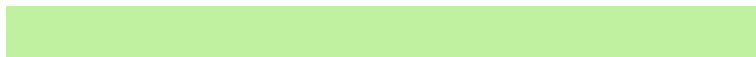
76.6551, 0.2204, 0.2558



76.6551, 0.3929, 0.3129

Complementary

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



76.6551, 0.3287, 0.4233



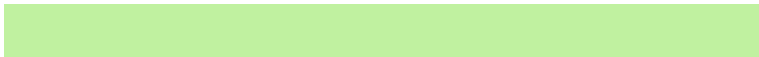
45.0574, 0.2900, 0.2386

Split Complementary

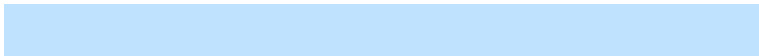
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6551, 0.3439, 0.2765



76.6551, 0.3287, 0.4233



76.6551, 0.2455, 0.2441

Square

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



76.6551, 0.3287, 0.4233



76.6551, 0.2173, 0.2886



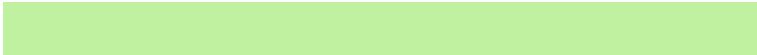
76.6551, 0.2895, 0.2520



76.6551, 0.4186, 0.3548

Rectangle

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



76.6551, 0.3287, 0.4233



76.6551, 0.2483, 0.3572



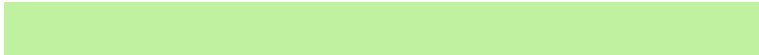
76.6551, 0.2895, 0.2520



76.6551, 0.3784, 0.2998

Sweetspot

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



76.6584, 0.3287, 0.4233



95.6518, 0.3178, 0.3545



66.6516, 0.3741, 0.3816



20.3502, 0.3185, 0.3582



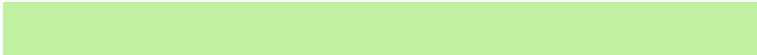
0.0000, 0.0000, 0.0000



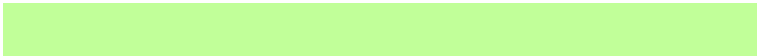
21.4041, 0.3127, 0.3290

Same Dimension

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



76.6584, 0.3287, 0.4233



85.1841, 0.3311, 0.4437



73.2267, 0.3036, 0.4192



17.9602, 0.3175, 0.3530



35.5068, 0.3235, 0.5814



3.0099, 0.3337, 0.5732

Inverse Universe

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



45.0574, 0.2900, 0.2386



44.4188, 0.2842, 0.2199



49.7210, 0.3233, 0.2530



15.7025, 0.3075, 0.3053



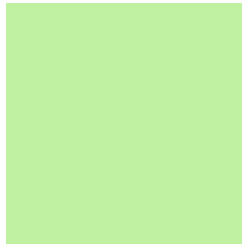
6.8387, 0.2245, 0.1010



0.6264, 0.2370, 0.1079

Previews

White Background



This preview shows how the Yxy color 76.6551, 0.3287, 0.4233 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 76.6551, 0.3287, 0.4233 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 76.6551, 0.3287, 0.4233

Background



This preview shows how black text looks on a background with the Yxy color 76.6551, 0.3287, 0.4233.

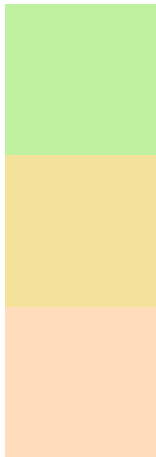


This preview shows how white text looks on a background with the Yxy color 76.6551, 0.3287, 0.4233.

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

76.6551, 0.3287, 0.4233

Protanopia

76.1383, 0.3753, 0.4042

Deuteranopia

76.0772, 0.3611, 0.3618



Tritanopia

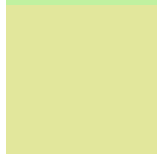
76.4928, 0.2862, 0.3096

Trichromacy



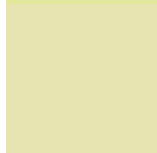
Original Color

76.6551, 0.3287, 0.4233



Protanomaly

75.7209, 0.3579, 0.4110



Deuteranomaly

75.8570, 0.3487, 0.3830



Tritanomaly

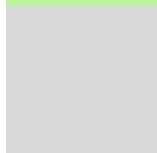
76.2210, 0.3019, 0.3491

Monochromacy



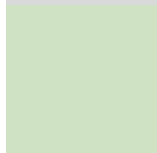
Original Color

76.6551, 0.3287, 0.4233



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.7881, 0.3195, 0.3631

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6551, 0.3287, 0.4233 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(192, 241, 160)` looks like.

```
.text, #text, p{  
    color:rgb(192, 241, 160)  
}
```

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(192, 241, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 241, 160) }
```

Border

The CSS property to change the border of an element to Yxy 76.6551, 0.3287, 0.4233 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(192, 241, 160) }
```

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

```
.border{ border-color:rgb(192, 241, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 241, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 241, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 241, 160);  
box-shadow:4px 4px 4px 4px rgb(192, 241,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6551, 0.3287, 0.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 241, 160) }
```

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

```
.background{ background-color: rgb(192,  
241, 160) }
```

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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