

Converting Colors

$Yxy(75.5850, 0.3387, 0.4404)$

Have a look what the booklet for
Yxy(75.5850, 0.3387, 0.4404)
contains.

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Color

Yxy(75.6712, 0.3387, 0.4405)

Conversions

Conversions Part 1

Format	Color
Hex	C1F090
RGB	193, 240, 144
RGB Percent	76%, 94%, 56%
CMY	0.2432, 0.0588, 0.4352
CMYK	0.20, 0.00, 0.40, 0.06
HSL	89°, 76%, 75%
HSV	89°, 40%, 94%
XYZ	58.1835, 75.6712, 37.9301
YIQ	215.0030, 2.8040, -39.8200

Conversions

Conversions Part 2

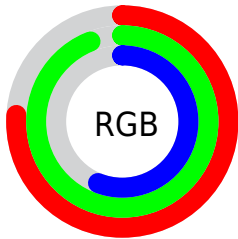
Format	Color
RYB	144, 240, 191
Decimal	12710032
CIELab	89.71, -31.09, 41.53
CIElCh	90, 51.874, 126.817
Yxy	75.6712, 0.3387, 0.4405
Android (android.graphics.Color)	4290900112 (0xFFC1F090)
YUV	215.0030, -35.0045, -19.2966
Hunter-Lab	86.9892, -32.8398, 35.0401

Details

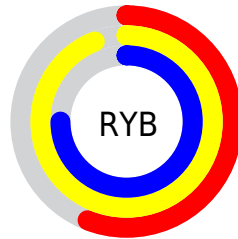
The Yxy color **75.6712, 0.3387, 0.4405** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **37.3251, 0.2749, 0.2174**, and the grayscale version is **68.1975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1528, 0.3433, 0.3845**, and **40.4570, 0.3421, 0.4683** is the 20% darker color. If you saturate the color by 10%, you get **73.5326, 0.3433, 0.4704**, and if you desaturate by 10%, it is **78.0953, 0.3330, 0.4105**.

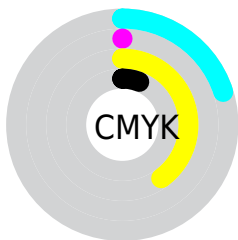
Distribution



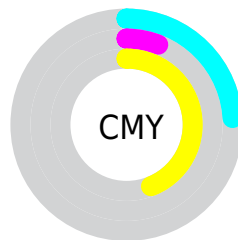
- Red (76%)
- Green (94%)
- Blue (56%)



- Red (56%)
- Yellow (94%)
- Blue (75%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (6%)





- Cyan (24%)
- Magenta (6%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.6712, 0.3387, 0.4405 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 75.6712, 0.3387, 0.4405 by changing the saturation by 10% instead.


 75.6712, 0.3387,
0.4405


 75.6712, 0.3387,
0.4405

480.2214, 0.3287,
0.3871

 56.1629, 0.3404,
0.4530


 127.2620, 0.3357,
0.4217

 40.3336, 0.3420,
0.4684


 160.1134, 0.3344,
0.4145

 27.7987, 0.3435,
0.4880


198.1812, 0.3332,
0.4083

 18.1740, 0.3444,
0.5135

241.8499, 0.3321,
0.4029

 11.0750, 0.3434,
0.5476

291.5039, 0.3312,
0.3982

 6.1173, 0.3383,
0.5957


347.5275, 0.3303,

 2.9165, 0.3257,


0.3940

0.6743


410.3052, 0.3295,
0.3904


 1.0883, 0.1943,
0.8057

 0.0000, 0.0000,
0.0000


 75.6712, 0.3387,
0.4405


 75.6712, 0.3387,
0.4405


 73.5326, 0.3433,
0.4704

 78.0953, 0.3330,
0.4105

 71.6567, 0.3462,
0.4987

 80.8068, 0.3265,
0.3816


 70.0328, 0.3471,
0.5241


 83.8201, 0.3196,
0.3542

 68.6452, 0.3457,
0.5451


 87.1456, 0.3127,
0.3290

 67.4754, 0.3422,
0.5605

 90.1984, 0.3113,
0.3145

 66.4946, 0.3369,
0.5707

 90.8055, 0.3134,
0.3146

 66.4942, 0.3369,
0.5707

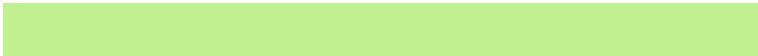
Harmonies

Analogous

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



75.6712, 0.3942, 0.4321



75.6712, 0.3387, 0.4405



75.6712, 0.2791, 0.4091

Triad

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



75.6712, 0.3387, 0.4405



75.6712, 0.2063, 0.2491



75.6712, 0.3980, 0.3037

Complementary

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



75.6712, 0.3387, 0.4405



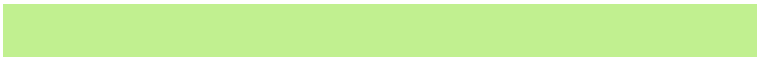
37.3251, 0.2749, 0.2174

Split Complementary

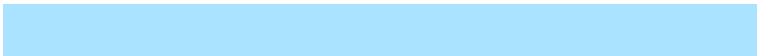
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6712, 0.3391, 0.2646



75.6712, 0.3387, 0.4405



75.6712, 0.2308, 0.2333

Square

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



75.6712, 0.3387, 0.4405



75.6712, 0.2062, 0.2890



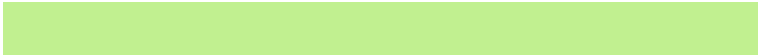
75.6712, 0.2776, 0.2396



75.6712, 0.4323, 0.3501

Rectangle

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



75.6712, 0.3387, 0.4405



75.6712, 0.2451, 0.3704



75.6712, 0.2776, 0.2396



75.6712, 0.3801, 0.2895

Sweetspot

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



75.6745, 0.3387, 0.4405



95.4503, 0.3211, 0.3597



57.5467, 0.3929, 0.3801



20.3310, 0.3220, 0.3632



0.0000, 0.0000, 0.0000



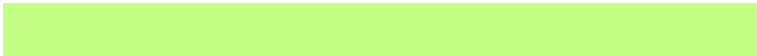
21.4041, 0.3127, 0.3290

Same Dimension

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



75.6745, 0.3387, 0.4405



84.8092, 0.3425, 0.4649



70.4154, 0.3079, 0.4518



18.0527, 0.3193, 0.3529



36.4764, 0.3380, 0.5698



3.0937, 0.3479, 0.5620

Inverse Universe

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



37.3251, 0.2749, 0.2174



35.1661, 0.2648, 0.1929



44.4911, 0.3159, 0.2300



15.6089, 0.3056, 0.3051



5.6150, 0.2004, 0.0878



0.5262, 0.2147, 0.0957

Previews

White Background



This preview shows how the Yxy color 75.6712, 0.3387, 0.4405 looks on a white background.

Color Contrast Check

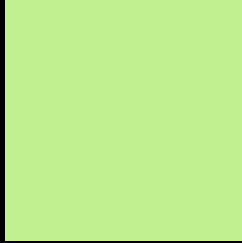
Large Text (above 18pt) WCAG AA × Fail

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 75.6712, 0.3387, 0.4405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

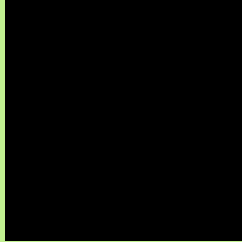
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.6712, 0.3387, 0.4405

Background



This preview shows how black text looks on a background with the Yxy color 75.6712, 0.3387, 0.4405.

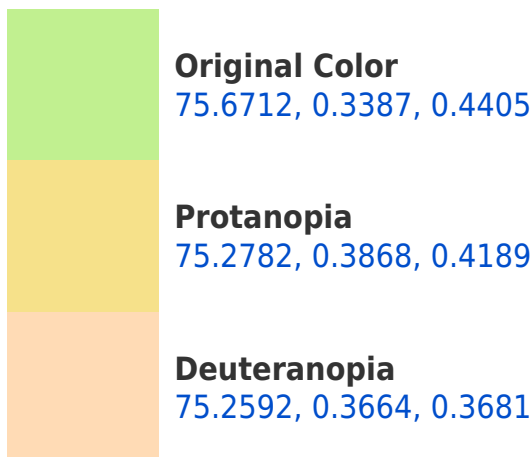


This preview shows how white text looks on a background with the Yxy color 75.6712, 0.3387, 0.4405.

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

75.5505, 0.2885, 0.3096

Trichromacy



Original Color

75.6712, 0.3387, 0.4405



Protanomaly

74.8180, 0.3690, 0.4266



Deuteranomaly

74.9211, 0.3557, 0.3929



Tritanomaly

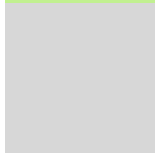
75.0132, 0.3075, 0.3549

Monochromacy



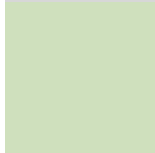
Original Color

75.6712, 0.3387, 0.4405



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

70.2508, 0.3236, 0.3692

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6712, 0.3387, 0.4405 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(193, 240, 144)` looks like.

```
.text, #text, p{  
    color:rgb(193, 240, 144)  
}
```

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(193, 240, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 240, 144) }
```

Border

The CSS property to change the border of an element to Yxy 75.6712, 0.3387, 0.4405 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(193, 240, 144) }
```

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

```
.border{ border-color:rgb(193, 240, 144) }
```

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

Here you see how a box with a 4 pixel rgb(193, 240, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 240, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 240, 144);  
box-shadow:4px 4px 4px 4px rgb(193, 240,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6712, 0.3387, 0.4405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 240, 144) }
```

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

```
.background{ background-color: rgb(193,  
240, 144) }
```

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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