

Converting Colors

Yxy(110.5169, 0.3030, 0.5316)

Have a look what the booklet for
Yxy(110.5169, 0.3030, 0.5316)
contains.

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Color

Yxy(76.4258, 0.3040, 0.5053)

Conversions

Conversions Part 1

Format	Color
Hex	73FF74
RGB	115, 255, 116
RGB Percent	45%, 100%, 45%
CMY	0.5491, 0.0000, 0.5452
CMYK	0.55, 0.00, 0.55, 0.00
HSL	120°, 100%, 73%
HSV	120°, 55%, 100%
XYZ	45.9795, 76.4258, 28.8431
YIQ	197.2940, -38.8210, -72.9090

Conversions

Conversions Part 2

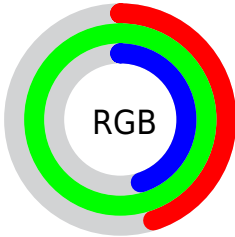
Format	Color
RYB	115, 254, 255
Decimal	7602036
CIELab	90.06, -64.64, 54.41
CIELCh	90, 84.488, 139.910
Yxy	76.4258, 0.3040, 0.5053
Android (android.graphics.Color)	4285792116 (0xFF73FF74)
YUV	197.2940, -40.0779, -72.1718
Hunter-Lab	87.4219, -59.1062, 41.6338

Details

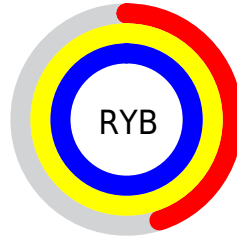
The Yxy color **76.4258, 0.3040, 0.5053** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **40.6734, 0.3197, 0.1993**, and the grayscale version is **56.2808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8074, 0.3116, 0.4264**, and **40.7939, 0.2954, 0.5520** is the 20% darker color. If you saturate the color by 10%, you get **74.4172, 0.3025, 0.5385**, and if you desaturate by 10%, it is **79.0693, 0.3057, 0.4695**.

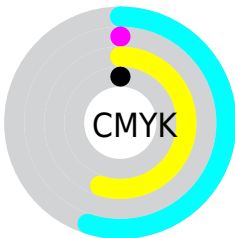
Distribution



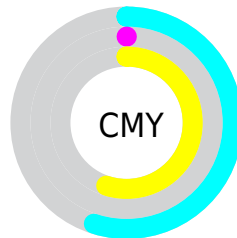
- Red (45%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)




- Cyan (55%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4258, 0.3040, 0.5053 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 76.4258, 0.3040, 0.5053 by changing the saturation by 10% instead.

 76.4258, 0.3040,
0.5053

 76.4258, 0.3040,
0.5053


482.8040, 0.3130,
0.4181


 56.7817, 0.3005,
0.5261


 128.3286, 0.3083,
0.4742

 40.8300, 0.2954,
0.5520


 161.3562, 0.3096,
0.4623

 28.1863, 0.2876,
0.5848

 199.6136, 0.3106,
0.4522

 18.4661, 0.2754,
0.6273

243.4855, 0.3113,
0.4435

 11.2852, 0.2551,
0.6829

293.3560, 0.3119,
0.4359

 6.2590, 0.2257,
0.7743


349.6097, 0.3124,


 3.0032, 0.1506,


0.4292

0.8494

412.6309, 0.3127,
0.4233


 1.1334, 0.0000,
1.0000


 0.0063, 0.0000,
1.0000


 76.4258, 0.3040,
0.5053


 76.4258, 0.3040,
0.5053

 74.4172, 0.3025,
0.5385


 79.0693, 0.3057,
0.4695


 72.9950, 0.3012,
0.5662


 82.4008, 0.3074,
0.4336

 72.0946, 0.3004,
0.5860

 86.4617, 0.3091,
0.3997

 71.6391, 0.3000,
0.5969

 91.2918, 0.3107,
0.3687

 71.5240, 0.2999,
0.5997

 96.9278, 0.3121,
0.3412

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



76.4258, 0.3952, 0.5053



76.4258, 0.3040, 0.5053



76.4258, 0.2200, 0.4227

Triad

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



76.4258, 0.3040, 0.5053



76.4258, 0.1651, 0.1918



76.4258, 0.4821, 0.3136

Complementary

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



76.4258, 0.3040, 0.5053



40.6734, 0.3197, 0.1993

Split Complementary

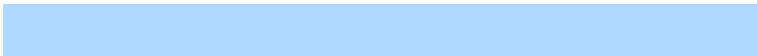
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.4258, 0.3979, 0.2535



76.4258, 0.3040, 0.5053



76.4258, 0.2132, 0.1867

Square

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



76.4258, 0.3040, 0.5053



76.4258, 0.1494, 0.2299



76.4258, 0.2949, 0.2087



76.4258, 0.5072, 0.3808

Rectangle

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



76.4258, 0.3040, 0.5053



76.4258, 0.1800, 0.3460



76.4258, 0.2949, 0.2087



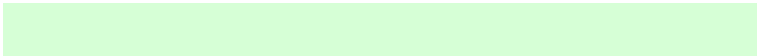
76.4258, 0.4591, 0.2925

Sweetspot

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



76.4240, 0.3040, 0.5053



90.7264, 0.3105, 0.3719



94.0174, 0.3921, 0.4603



19.1964, 0.3102, 0.3781



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

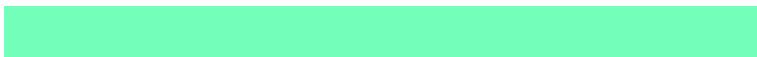
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4240, 0.3040, 0.5053



74.2347, 0.3023, 0.5418



78.6660, 0.2735, 0.4171



20.1703, 0.3115, 0.3534



37.3737, 0.2999, 0.5996



3.6397, 0.2996, 0.5985

Inverse Universe

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



40.6734, 0.3197, 0.1993



35.1711, 0.3208, 0.1806



37.0197, 0.3919, 0.2585



18.2980, 0.3139, 0.3058



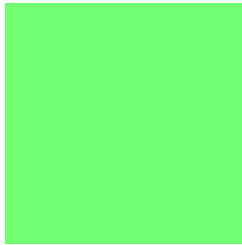
14.8217, 0.3227, 0.1551



1.4438, 0.3225, 0.1550

Previews

White Background



This preview shows how the Yxy color 76.4258, 0.3040, 0.5053 looks on a white background.

Color Contrast Check

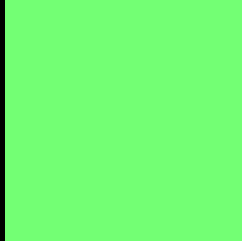
Large Text (above 18pt) WCAG AA × Fail

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 76.4258, 0.3040, 0.5053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

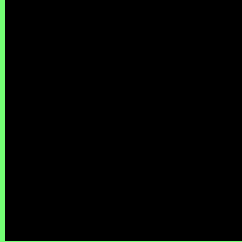
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

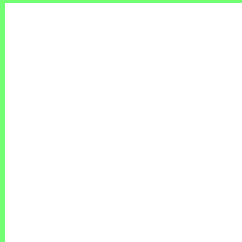
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4258, 0.3040, 0.5053

Background



This preview shows how black text looks on a background with the Yxy color 76.4258, 0.3040, 0.5053.

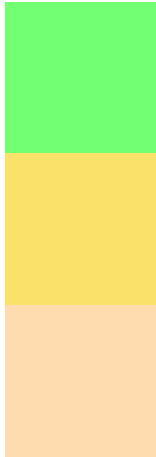


This preview shows how white text looks on a background with the Yxy color 76.4258, 0.3040, 0.5053.

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

76.4258, 0.3040, 0.5053

Protanopia

75.0308, 0.4080, 0.4463

Deuteranopia

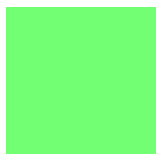
75.0576, 0.3700, 0.3732



Tritanopia

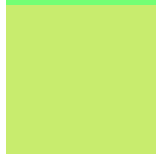
75.8427, 0.2578, 0.3097

Trichromacy



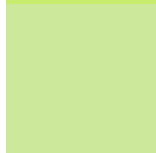
Original Color

76.4258, 0.3040, 0.5053



Protanomaly

73.3961, 0.3631, 0.4706



Deuteranomaly

72.8837, 0.3425, 0.4189



Tritanomaly

74.9903, 0.2759, 0.3779

Monochromacy



Original Color

76.4258, 0.3040, 0.5053



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

61.1855, 0.3090, 0.3933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4258, 0.3040, 0.5053 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(115, 255, 116)` looks like.

```
.text, #text, p{  
    color:rgb(115, 255, 116)  
}
```

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(115, 255, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 255, 116) }
```

Border

The CSS property to change the border of an element to Yxy 76.4258, 0.3040, 0.5053 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(115, 255, 116) }
```

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

```
.border{ border-color:rgb(115, 255, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 255, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 255, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 255, 116);  
box-shadow:4px 4px 4px 4px rgb(115, 255,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4258, 0.3040, 0.5053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 255, 116) }
```

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

```
.background{ background-color: rgb(115,  
255, 116) }
```

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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