

Converting Colors

$Yxy(75.1723, 0.3734, 0.5055)$

Have a look what the booklet for
Yxy(75.1723, 0.3734, 0.5055)
contains.

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Color

Yxy(75.1408, 0.3731, 0.5055)

Conversions

Conversions Part 1

Format	Color
Hex	C4F14A
RGB	196, 241, 74
RGB Percent	77%, 95%, 29%
CMY	0.2313, 0.0549, 0.7101
CMYK	0.19, 0.00, 0.69, 0.05
HSL	76°, 86%, 62%
HSV	76°, 69%, 95%
XYZ	55.4600, 75.1408, 18.0457
YIQ	208.5070, 26.7870, -61.4770

Conversions

Conversions Part 2

Format	Color
RYB	74, 241, 119
Decimal	12906826
CIELab	89.46, -36.75, 71.97
CIElCh	89, 80.807, 117.051
Yxy	75.1408, 0.3731, 0.5055
Android (android.graphics.Color)	4291096906 (0xFFC4F14A)
YUV	208.5070, -66.3120, -10.9686
Hunter-Lab	86.6838, -37.4929, 48.3358

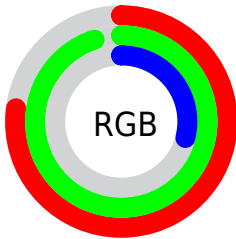
Details

The Yxy color **75.1408, 0.3731, 0.5055** is a light color, and the websafe version is hex **CCFF66**.

The color can be described as light washed yellow. A complement of this color would be **15.1540, 0.2059, 0.1204**, and the grayscale version is **63.8499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4459, 0.3840, 0.4468**, and **40.1012, 0.3750, 0.5404** is the 20% darker color. If you saturate the color by 10%, you get **74.0281, 0.3752, 0.5226**, and if you desaturate by 10%, it is **76.4221, 0.3685, 0.4842**.

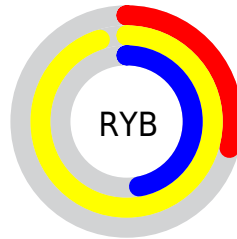
Distribution



Red (77%)

Green (95%)

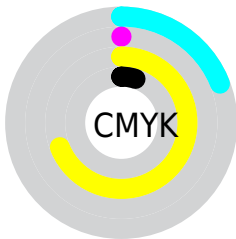
Blue (29%)



Red (29%)

Yellow (95%)

Blue (47%)

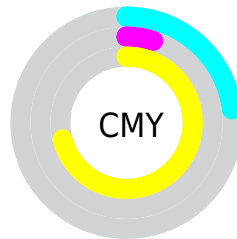


Cyan (19%)

Magenta (0%)

Yellow (69%)

Black (5%)



Cyan (23%)


Magenta (5%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1408, 0.3731, 0.5055 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 75.1408, 0.3731, 0.5055 by changing the saturation by 10% instead.


 75.1408, 0.3731,
0.5055

 75.1408, 0.3731,
0.5055


478.4014, 0.3521,
0.4235


 55.7282, 0.3755,
0.5230


 126.5116, 0.3677,
0.4778


 39.9851, 0.3770,
0.5437


 159.2387, 0.3650,
0.4667


 27.5269, 0.3768,
0.5680


 197.1728, 0.3625,
0.4571

 17.9693, 0.3729,
0.5963

 240.6982, 0.3601,
0.4487

 10.9280, 0.3655,
0.6345

 290.1994, 0.3579,
0.4413

 6.0184, 0.3376,
0.6624

346.0607, 0.3558,

 2.8563, 0.2940,

0.4347

0.7060

408.6666, 0.3539,
0.4288

■ 1.0572, 0.0850,
0.9150

■ 0.0000, 0.0000,
0.0000

■ 75.1408, 0.3731,
0.5055

■ 75.1408, 0.3731,
0.5055

■ 74.0281, 0.3752,
0.5226

■ 76.4221, 0.3685,
0.4842

■ 73.0584, 0.3747,
0.5348


■ 77.8752, 0.3617,
0.4597


■ 72.2110, 0.3719,
0.5426


■ 79.5150, 0.3532,
0.4332


■ 72.1562, 0.3717,
0.5431


■ 81.3519, 0.3435,
0.4058

 83.3955, 0.3331,
0.3786

 85.6548, 0.3225,
0.3522

 88.1379, 0.3120,
0.3274

 90.0740, 0.3088,
0.3154

 91.2799, 0.3130,
0.3156

Harmonies

Analogous

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



75.1408, 0.4514, 0.4621



75.1408, 0.3731, 0.5055



75.1408, 0.2842, 0.4854

Triad

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



75.1408, 0.3731, 0.5055



75.1408, 0.1550, 0.2213



75.1408, 0.4175, 0.2690

Complementary

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



75.1408, 0.3731, 0.5055



15.1540, 0.2059, 0.1204

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.



75.1408, 0.3186, 0.2209



75.1408, 0.3731, 0.5055



75.1408, 0.1777, 0.1922

Square

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



75.1408, 0.3731, 0.5055



75.1408, 0.1639, 0.2892



75.1408, 0.2325, 0.1938



75.1408, 0.4875, 0.3300

Rectangle

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



75.1408, 0.3731, 0.5055



75.1408, 0.2303, 0.4288



75.1408, 0.2325, 0.1938



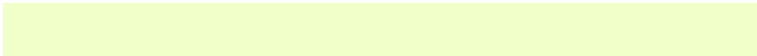
75.1408, 0.3854, 0.2511

Sweetspot

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



75.1442, 0.3731, 0.5055



94.3862, 0.3349, 0.3832



32.2650, 0.5081, 0.3722



20.0621, 0.3378, 0.3908



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.



75.1442, 0.3731, 0.5055



83.7067, 0.3753, 0.5280



66.9094, 0.3192, 0.5409



18.2326, 0.3227, 0.3526



39.1981, 0.3725, 0.5424



3.3095, 0.3789, 0.5374

Inverse Universe

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



15.1540, 0.2059, 0.1204



11.7010, 0.1842, 0.0890



23.7981, 0.2807, 0.1565



15.4345, 0.3021, 0.3049



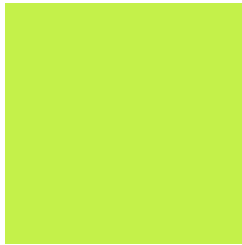
4.1074, 0.1666, 0.0691



0.3889, 0.1799, 0.0765

Previews

White Background



This preview shows how the Yxy color 75.1408, 0.3731, 0.5055 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 75.1408, 0.3731, 0.5055 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 75.1408, 0.3731, 0.5055

Background



This preview shows how black text looks on a background with the Yxy color 75.1408, 0.3731, 0.5055.



This preview shows how white text looks on a background with the Yxy color 75.1408, 0.3731, 0.5055.

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

75.1408, 0.3731, 0.5055

Protanopia

74.8019, 0.4258, 0.4696

Deuteranopia

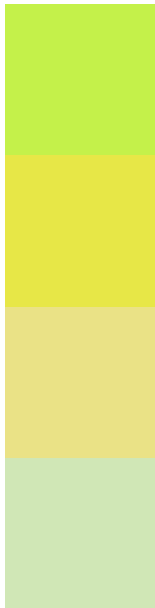
74.2674, 0.3754, 0.3794



Tritanopia

74.7686, 0.2947, 0.3098

Trichromacy



Original Color

75.1408, 0.3731, 0.5055

Protanomaly

74.5957, 0.4061, 0.4834

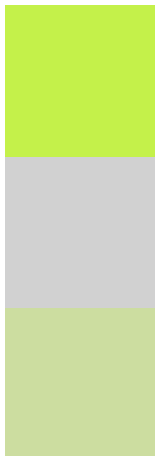
Deuteranomaly

73.6064, 0.3796, 0.4271

Tritanomaly

73.9391, 0.3280, 0.3847

Monochromacy



Original Color

75.1408, 0.3731, 0.5055

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

67.0883, 0.3411, 0.4008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1408, 0.3731, 0.5055 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(196, 241, 74)` looks like.

```
.text, #text, p{  
    color:rgb(196, 241, 74)  
}
```

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(196, 241, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 241, 74) }
```

Border

The CSS property to change the border of an element to Yxy 75.1408, 0.3731, 0.5055 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(196, 241, 74) }
```

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

```
.border{ border-color:rgb(196, 241, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 241, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 241, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 241, 74);  
box-shadow:4px 4px 4px 4px rgb(196, 241,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1408, 0.3731, 0.5055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 241, 74) }
```

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

```
.background{ background-color: rgb(196,  
241, 74) }
```

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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