

Converting Colors

$Yxy(75.3923, 0.4026, 0.4446)$

Have a look what the booklet for
Yxy(75.3923, 0.4026, 0.4446)
contains.

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Color

Yxy(75.1332, 0.4024, 0.4442)

Conversions

Conversions Part 1

Format	Color
Hex	F6E26F
RGB	246, 226, 111
RGB Percent	96%, 89%, 44%
CMY	0.0354, 0.1137, 0.5648
CMYK	0.00, 0.08, 0.55, 0.04
HSL	51°, 88%, 70%
HSV	51°, 55%, 96%
XYZ	68.0630, 75.1332, 25.9465
YIQ	218.8700, 48.8350, -31.5250

Conversions

Conversions Part 2

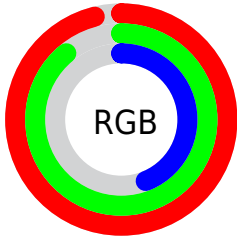
Format	Color
R_{YB}	134, 246, 111
Decimal	16179823
CIE _{Lab}	89.46, -7.22, 57.82
CIE _{LCh}	89, 58.274, 97.116
Y _{xy}	75.1332, 0.4024, 0.4442
Android (android.graphics.Color)	4294369903 (0xFFFF6E26F)
Y _{UV}	218.8700, -53.1799, 23.7930
Hunter-Lab	86.6794, -11.5259, 42.9278

Details

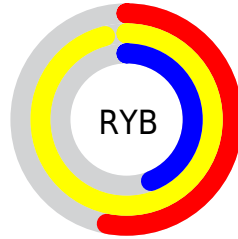
The Yxy color **75.1332, 0.4024, 0.4442** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.2444, 0.2113, 0.1772**, and the grayscale version is **71.0924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5332, 0.3655, 0.4162**, and **39.9860, 0.4187, 0.4678** is the 20% darker color. If you saturate the color by 10%, you get **72.7109, 0.4170, 0.4600**, and if you desaturate by 10%, it is **77.7536, 0.3863, 0.4254**.

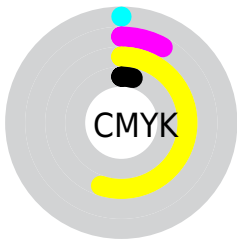
Distribution



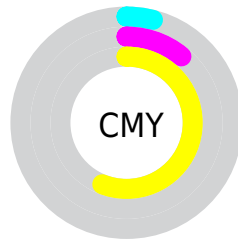
- Red (96%)
- Green (89%)
- Blue (44%)



- Red (53%)
- Yellow (96%)
- Blue (44%)



- Cyan (0%)
- Magenta (8%)
- Yellow (55%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1332, 0.4024, 0.4442 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 75.1332, 0.4024, 0.4442 by changing the saturation by 10% instead.


 75.1332, 0.4024,
0.4442

 75.1332, 0.4024,
0.4442


478.3753, 0.3639,
0.3929


 55.7220, 0.4100,
0.4549

 126.5009, 0.3899,
0.4271


 39.9801, 0.4186,
0.4673


 159.2262, 0.3848,
0.4203

 27.5230, 0.4282,
0.4819


 197.1583, 0.3803,
0.4143

 17.9664, 0.4385,
0.4986

 240.6817, 0.3763,
0.4089

 10.9259, 0.4487,
0.5175

290.1807, 0.3727,
0.4042

 6.0170, 0.4592,
0.5408

346.0397, 0.3694,

 2.8554, 0.4512,

0.4000

0.5488

408.6431, 0.3665,
0.3963

■ 1.0567, 0.4365,
0.5635

■ 0.0000, 0.0000,
0.0000

■ 75.1332, 0.4024,
0.4442

■ 75.1332, 0.4024,
0.4442

■ 72.7109, 0.4170,
0.4600

■ 77.7536, 0.3863,
0.4254

■ 70.4633, 0.4294,
0.4718


■ 80.5730, 0.3694,
0.4046

■ 68.3790, 0.4391,
0.4792

■ 83.6052, 0.3524,
0.3827

■ 66.4399, 0.4459,
0.4819

■ 86.8597, 0.3359,
0.3607

 65.4898, 0.4486,
0.4820

 90.3453, 0.3201,
0.3392

 93.8390, 0.3073,
0.3220

 96.0944, 0.3073,
0.3256

 98.3276, 0.3072,
0.3290

Harmonies

Analogous

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



75.1332, 0.4433, 0.4031



75.1332, 0.4024, 0.4442



75.1332, 0.3400, 0.4554

Triad

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



75.1332, 0.4024, 0.4442



75.1332, 0.1944, 0.2826



75.1332, 0.3427, 0.2579

Complementary

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



75.1332, 0.4024, 0.4442



26.2444, 0.2113, 0.1772

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.



75.1332, 0.2736, 0.2302



75.1332, 0.4024, 0.4442



75.1332, 0.1950, 0.2391

Square

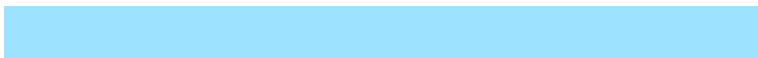
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1332, 0.4024, 0.4442



75.1332, 0.2213, 0.3502



75.1332, 0.2220, 0.2227



75.1332, 0.4094, 0.3007

Rectangle

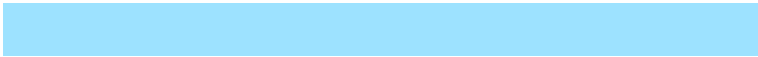
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1332, 0.4024, 0.4442



75.1332, 0.2950, 0.4369



75.1332, 0.2220, 0.2227



75.1332, 0.3187, 0.2467

Sweetspot

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



75.1367, 0.4024, 0.4442



93.8576, 0.3377, 0.3632



32.5965, 0.4521, 0.3083



19.9304, 0.3411, 0.3678



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.



75.1367, 0.4024, 0.4442



78.6053, 0.4187, 0.4617



79.1453, 0.3580, 0.4779



18.8716, 0.3272, 0.3490



35.1286, 0.4480, 0.4825



3.1987, 0.4439, 0.4858

Inverse Universe

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



26.2444, 0.2113, 0.1772



20.7271, 0.1903, 0.1424



25.3081, 0.2400, 0.1666



16.3219, 0.2979, 0.3082



4.3593, 0.1534, 0.0720



0.5003, 0.1585, 0.0907

Previews

White Background



This preview shows how the Yxy color 75.1332, 0.4024, 0.4442 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 75.1332, 0.4024, 0.4442 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 75.1332, 0.4024, 0.4442

Background



This preview shows how black text looks on a background with the Yxy color 75.1332, 0.4024, 0.4442.

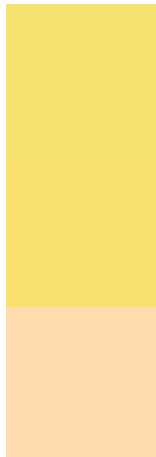


This preview shows how white text looks on a background with the Yxy color 75.1332, 0.4024, 0.4442.

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

75.1332, 0.4024, 0.4442

Protanopia

75.1379, 0.4053, 0.4422

Deuteranopia

74.9790, 0.3714, 0.3753



Tritanopia

75.0103, 0.3325, 0.3140

Trichromacy

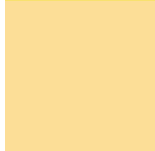


Original Color

75.1332, 0.4024, 0.4442

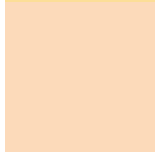
Protanomaly

74.9546, 0.4045, 0.4426



Deuteranomaly

75.1724, 0.3842, 0.4019



Tritanomaly

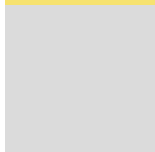
74.3834, 0.3607, 0.3622

Monochromacy



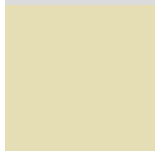
Original Color

75.1332, 0.4024, 0.4442



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

72.1959, 0.3464, 0.3751

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1332, 0.4024, 0.4442 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(246, 226, 111)` looks like.

```
.text, #text, p{  
    color:rgb(246, 226, 111)  
}
```

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(246, 226, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 226, 111) }
```

Border

The CSS property to change the border of an element to Yxy 75.1332, 0.4024, 0.4442 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(246, 226, 111) }
```

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

```
.border{ border-color:rgb(246, 226, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 226, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 226, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 226, 111); box-shadow:4px 4px 4px 4px rgb(246, 226, 111) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1332, 0.4024, 0.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 226, 111) }
```

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

```
.background{ background-color: rgb(246,  
226, 111) }
```

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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