

Converting Colors

$Yxy(79.9547, 0.3848, 0.4492)$

Have a look what the booklet for
Yxy(79.9547, 0.3848, 0.4492)
contains.

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Color

Yxy(79.9290, 0.3852, 0.4488)

Conversions

Conversions Part 1

Format	Color
Hex	EDED78
RGB	237, 237, 120
RGB Percent	93%, 93%, 47%
CMY	0.0705, 0.0706, 0.5296
CMYK	0.00, 0.00, 0.49, 0.07
HSL	60°, 77%, 70%
HSV	60°, 49%, 93%
XYZ	68.6022, 79.9290, 29.5638
YIQ	223.6620, 37.5570, -36.3870

Conversions

Conversions Part 2

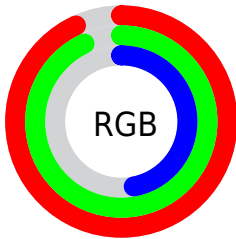
Format	Color
RYB	120, 237, 120
Decimal	15592824
CIELab	91.65, -15.51, 56.10
CIELCh	92, 58.206, 105.458
Yxy	79.9290, 0.3852, 0.4488
Android (android.graphics.Color)	4293782904 (0xFFEDED78)
YUV	223.6620, -51.1054, 11.6974
Hunter-Lab	89.4030, -19.4858, 42.9761

Details

The Yxy color **79.9290, 0.3852, 0.4488** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **23.5301, 0.2181, 0.1725**, and the grayscale version is **74.6397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8751, 0.3603, 0.4076**, and **43.0367, 0.3975, 0.4736** is the 20% darker color. If you saturate the color by 10%, you get **79.4247, 0.3969, 0.4681**, and if you desaturate by 10%, it is **80.5831, 0.3717, 0.4266**.

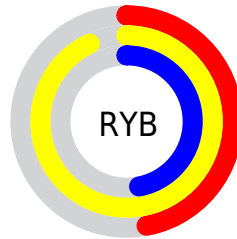
Distribution



Red (93%)

Green (93%)

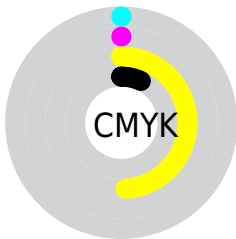
Blue (47%)



Red (47%)

Yellow (93%)

Blue (47%)

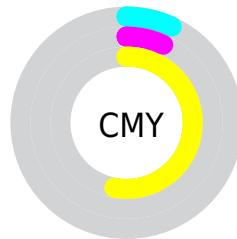


Cyan (0%)

Magenta (0%)

Yellow (49%)

Black (7%)



Cyan (7%)


Magenta (7%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9290, 0.3852, 0.4488 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 79.9290, 0.3852, 0.4488 by changing the saturation by 10% instead.

 79.9290, 0.3852,
0.4488


 79.9290, 0.3852,
0.4488


494.6935, 0.3549,
0.3946

 59.6599, 0.3910,
0.4604


 133.2659, 0.3756,
0.4305

 43.1446, 0.3974,
0.4742


 167.1025, 0.3715,
0.4232

 29.9986, 0.4045,
0.4907


 206.2305, 0.3680,
0.4169

 19.8375, 0.4118,
0.5105

251.0341, 0.3648,
0.4113

 12.2770, 0.4182,
0.5338

301.8978, 0.3619,
0.4064

 6.9326, 0.4289,
0.5711

359.2060, 0.3594,

 3.4200, 0.4128,

0.4020

0.5872

423.3431, 0.3570,
0.3981

■ 1.3547, 0.3848,
0.6152

■ 0.1830, 0.0000,
1.0000

■ 79.9290, 0.3852,
0.4488

■ 79.9290, 0.3852,
0.4488

■ 79.4247, 0.3969,
0.4681

■ 80.5831, 0.3717,
0.4266

■ 79.0483, 0.4063,
0.4837


■ 81.3855, 0.3571,
0.4024


■ 78.7914, 0.4131,
0.4950

■ 82.3487, 0.3419,
0.3773


■ 78.6395, 0.4173,
0.5019


■ 83.4808, 0.3267,
0.3521


 78.5696, 0.4193,
0.5051

 84.7893, 0.3118,
0.3275

 78.5663, 0.4194,
0.5052

 85.8116, 0.3019,
0.3111

 85.8138, 0.3019,
0.3111

 85.8161, 0.3019,
0.3111

 85.8184, 0.3019,
0.3111

Harmonies

Analogous

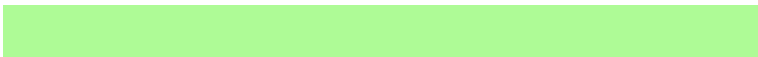
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9290, 0.4327, 0.4148



79.9290, 0.3852, 0.4488



79.9290, 0.3212, 0.4475

Triad

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



79.9290, 0.3852, 0.4488



79.9290, 0.1941, 0.2692



79.9290, 0.3616, 0.2697

Complementary

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



79.9290, 0.3852, 0.4488



23.5301, 0.2181, 0.1725

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.



79.9290, 0.2922, 0.2378



79.9290, 0.3852, 0.4488



79.9290, 0.2020, 0.2339

Square

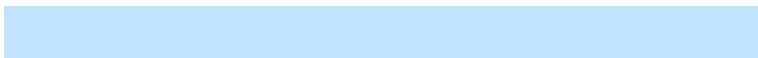
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9290, 0.3852, 0.4488



79.9290, 0.2130, 0.3299



79.9290, 0.2355, 0.2245



79.9290, 0.4214, 0.3148

Rectangle

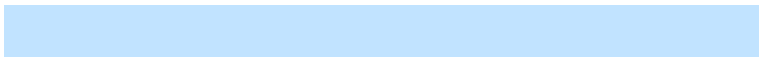
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9290, 0.3852, 0.4488



79.9290, 0.2780, 0.4207



79.9290, 0.2355, 0.2245



79.9290, 0.3382, 0.2573

Sweetspot

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



79.9327, 0.3852, 0.4488



97.7727, 0.3353, 0.3663



32.8313, 0.4501, 0.3273



20.8684, 0.3385, 0.3717



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.



79.9327, 0.3852, 0.4488



93.7748, 0.3967, 0.4678



71.6914, 0.3436, 0.4682



17.6266, 0.3268, 0.3523



42.8857, 0.4194, 0.5052



3.3677, 0.4193, 0.5052

Inverse Universe

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



23.5301, 0.2181, 0.1725



20.2129, 0.1974, 0.1384



28.8285, 0.2626, 0.1891



14.5494, 0.2980, 0.3046



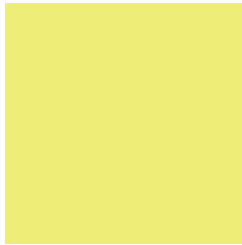
3.3389, 0.1500, 0.0600



0.2623, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 79.9290, 0.3852, 0.4488 looks on a white background.

Color Contrast Check

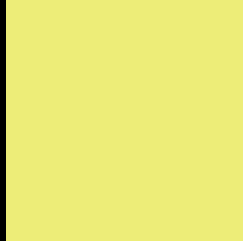
Large Text (above 18pt) WCAG AA × Fail

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 79.9290, 0.3852, 0.4488 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 79.9290, 0.3852, 0.4488

Background



This preview shows how black text looks on a background with the Yxy color 79.9290, 0.3852, 0.4488.



This preview shows how white text looks on a background with the Yxy color 79.9290, 0.3852, 0.4488.

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

79.9290, 0.3852, 0.4488

Protanopia

79.7198, 0.4027, 0.4393

Deuteranopia

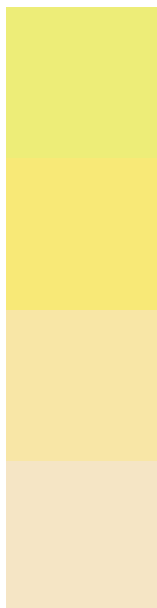
79.5030, 0.3560, 0.3626



Tritanopia

79.9862, 0.3198, 0.3121

Trichromacy



Original Color

79.9290, 0.3852, 0.4488

Protanomaly

79.5662, 0.3959, 0.4425

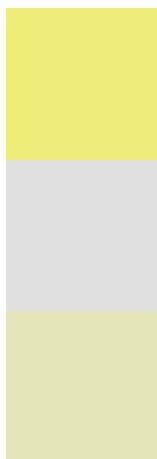
Deuteranomaly

79.3033, 0.3682, 0.3952

Tritanomaly

79.4823, 0.3453, 0.3623

Monochromacy



Original Color

79.9290, 0.3852, 0.4488

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

76.2418, 0.3409, 0.3756

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9290, 0.3852, 0.4488 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(237, 237, 120)` looks like.

```
.text, #text, p{  
    color:rgb(237, 237, 120)  
}
```

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(237, 237, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 237, 120) }
```

Border

The CSS property to change the border of an element to Yxy 79.9290, 0.3852, 0.4488 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(237, 237, 120) }
```

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

```
.border{ border-color:rgb(237, 237, 120) }
```

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

Here you see how a box with a 4 pixel rgb(237, 237, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 237, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 237, 120);  
box-shadow:4px 4px 4px 4px rgb(237, 237,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9290, 0.3852, 0.4488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 237, 120) }
```

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

```
.background{ background-color: rgb(237,  
237, 120) }
```

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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