

Converting Colors

Yxy(89.3867, 0.4026, 0.5105)

Have a look what the booklet for
Yxy(89.3867, 0.4026, 0.5105)
contains.

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Color

Yxy(89.3095, 0.4023, 0.5108)

Conversions

Conversions Part 1

Format	Color
Hex	EBFF24
RGB	235, 255, 36
RGB Percent	92%, 100%, 14%
CMY	0.0784, 0.0000, 0.8591
CMYK	0.08, 0.00, 0.86, 0.00
HSL	65°, 100%, 57%
HSV	65°, 86%, 100%
XYZ	70.3391, 89.3095, 15.1938
YIQ	224.0540, 58.3790, -72.3490

Conversions

Conversions Part 2

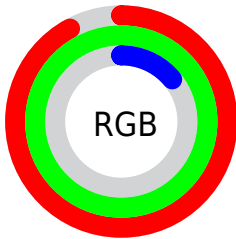
Format	Color
R _Y B	36, 255, 56
Decimal	15466276
CIE Lab	95.71, -29.25, 88.87
CIE LCh	96, 93.555, 108.216
Yxy	89.3095, 0.4023, 0.5108
Android (android.graphics.Color)	4293656356 (0xFFEBFF24)
YUV	224.0540, -92.7106, 9.5996
Hunter-Lab	94.5037, -32.5239, 56.6203

Details

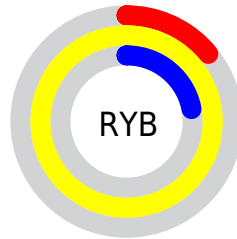
The Yxy color **89.3095, 0.4023, 0.5108** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **9.3165, 0.1625, 0.0746**, and the grayscale version is **75.2212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8415, 0.3957, 0.4661**, and **49.5021, 0.3989, 0.5214** is the 20% darker color. If you saturate the color by 10%, you get **88.8117, 0.4032, 0.5166**, and if you desaturate by 10%, it is **89.9230, 0.3989, 0.5006**.

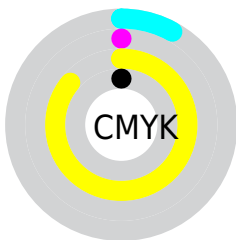
Distribution



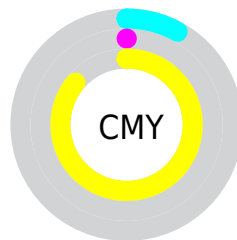
- Red (92%)
- Green (100%)
- Blue (14%)



- Red (14%)
- Yellow (100%)
- Blue (22%)



- Cyan (8%)
- Magenta (0%)
- Yellow (86%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.3095, 0.4023, 0.5108 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 89.3095, 0.4023, 0.5108 by changing the saturation by 10% instead.


 89.3095, 0.4023,
0.5108


 89.3095, 0.4023,
0.5108


525.7821, 0.3718,
0.4335


 67.4081, 0.4060,
0.5254

 146.3789, 0.3944,
0.4863


 49.4163, 0.4088,
0.5416


 182.3157, 0.3905,
0.4760

 34.9499, 0.4099,
0.5594


 223.6997, 0.3868,
0.4669

 23.6243, 0.4085,
0.5792

 270.9153, 0.3834,
0.4587

 15.0551, 0.4013,
0.5987

 324.3470, 0.3802,
0.4514

 8.8581, 0.3840,
0.6160


384.3791, 0.3772,


 4.6487, 0.3581,


0.4448

0.6419


451.3960, 0.3744,
0.4389


 2.0427, 0.3158,
0.6842


 0.6321, 0.0000,
1.0000


 89.3095, 0.4023,
0.5108


 89.3095, 0.4023,
0.5108


 88.8117, 0.4032,
0.5166


 89.9230, 0.3989,
0.5006


 88.6293, 0.4031,
0.5181


 90.6725, 0.3928,
0.4859

 91.5742, 0.3842,
0.4671

 92.6423, 0.3735,
0.4450

 93.8889, 0.3612,
0.4205

 95.3253, 0.3479,
0.3949

 96.9616, 0.3343,
0.3690

 98.8074, 0.3206,
0.3435

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.



89.3095, 0.4800, 0.4494



89.3095, 0.4023, 0.5108



89.3095, 0.3077, 0.5178

Triad

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



89.3095, 0.4023, 0.5108



89.3095, 0.1432, 0.2283



89.3095, 0.3958, 0.2470

Complementary

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



89.3095, 0.4023, 0.5108



9.3165, 0.1625, 0.0746

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.



89.3095, 0.2881, 0.2020



89.3095, 0.4023, 0.5108



89.3095, 0.1576, 0.1873

Square

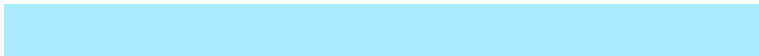
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.3095, 0.4023, 0.5108



89.3095, 0.1621, 0.3145



89.3095, 0.2050, 0.1807



89.3095, 0.4870, 0.3082

Rectangle

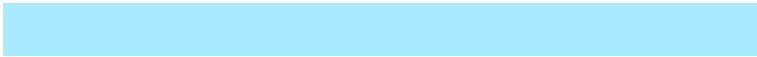
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.3095, 0.4023, 0.5108



89.3095, 0.2465, 0.4710



89.3095, 0.2050, 0.1807



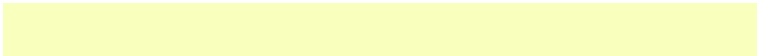
89.3095, 0.3591, 0.2297

Sweetspot

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



89.3095, 0.4023, 0.5108



95.3112, 0.3481, 0.3951



24.0430, 0.6043, 0.3388



20.2894, 0.3527, 0.4041



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.



89.3095, 0.4023, 0.5108



88.6293, 0.4031, 0.5181



76.1752, 0.3322, 0.5641



21.0015, 0.3255, 0.3526



46.3455, 0.4034, 0.5179



4.5361, 0.4053, 0.5164

Inverse Universe

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



9.3165, 0.1625, 0.0746



7.4055, 0.1523, 0.0613



16.3408, 0.2320, 0.1117



17.4570, 0.2993, 0.3045



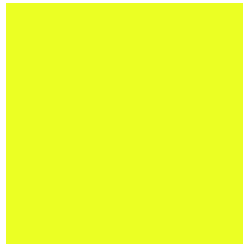
3.8960, 0.1529, 0.0616



0.4049, 0.1590, 0.0649

Previews

White Background



This preview shows how the Yxy color 89.3095, 0.4023, 0.5108 looks on a white background.

Color Contrast Check

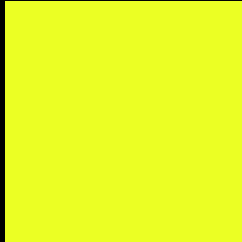
Large Text (above 18pt) WCAG AA × Fail

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 89.3095, 0.4023, 0.5108 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 89.3095, 0.4023, 0.5108

Background



This preview shows how black text looks on a background with the Yxy color 89.3095, 0.4023, 0.5108.

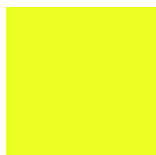


This preview shows how white text looks on a background with the Yxy color 89.3095, 0.4023, 0.5108.

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



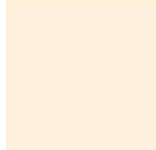
Original Color

89.3095, 0.4023, 0.5108



Protanopia

88.6145, 0.3524, 0.3780



Deuteranopia

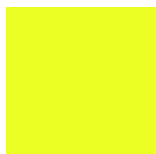
88.8541, 0.3341, 0.3468



Tritanopia

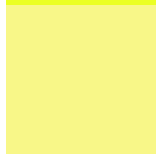
89.0645, 0.3115, 0.3126

Trichromacy



Original Color

89.3095, 0.4023, 0.5108



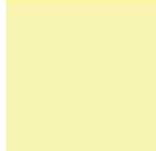
Protanomaly

88.2556, 0.3802, 0.4391



Deuteranomaly

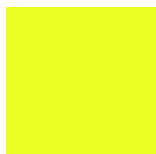
87.5944, 0.3708, 0.4207



Tritanomaly

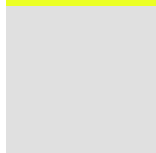
87.3893, 0.3569, 0.3994

Monochromacy



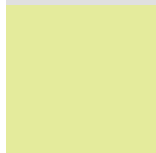
Original Color

89.3095, 0.4023, 0.5108



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

78.3109, 0.3582, 0.4143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.3095, 0.4023, 0.5108 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(235, 255, 36)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 36)  
}
```

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(235, 255, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 36) }
```

Border

The CSS property to change the border of an element to Yxy 89.3095, 0.4023, 0.5108 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(235, 255, 36) }
```

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

```
.border{ border-color:rgb(235, 255, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 255, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 36);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 89.3095, 0.4023, 0.5108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 36) }
```

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

```
.background{ background-color: rgb(235,  
255, 36) }
```

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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