

Converting Colors

$Yxy(90.2795, 0.4078, 0.5099)$

Have a look what the booklet for
Yxy(90.2795, 0.4078, 0.5099)
contains.

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Color

Yxy(90.2954, 0.4078, 0.5098)

Conversions

Conversions Part 1

Format	Color
Hex	F1FF1A
RGB	241, 255, 26
RGB Percent	95%, 100%, 10%
CMY	0.0548, 0.0000, 0.8983
CMYK	0.05, 0.00, 0.90, 0.00
HSL	64°, 100%, 55%
HSV	64°, 90%, 100%
XYZ	72.2292, 90.2954, 14.5946
YIQ	224.7080, 65.1650, -74.1870

Conversions

Conversions Part 2

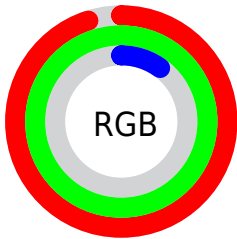
Format	Color
R _Y B	26, 255, 40
Decimal	15859482
CIE Lab	96.12, -27.00, 90.95
CIE LCh	96, 94.876, 106.531
Yxy	90.2954, 0.4078, 0.5098
Android (android.graphics.Color)	4294049562 (0xFFFF1FF1A)
YUV	224.7080, -97.9630, 14.2881
Hunter-Lab	95.0239, -30.6110, 57.4104

Details

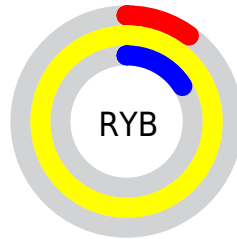
The Yxy color **90.2954, 0.4078, 0.5098** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **8.4055, 0.1569, 0.0684**, and the grayscale version is **75.7577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7593, 0.3973, 0.4689**, and **50.0915, 0.4034, 0.5179** is the 20% darker color. If you saturate the color by 10%, you get **89.9537, 0.4085, 0.5138**, and if you desaturate by 10%, it is **90.7431, 0.4049, 0.5020**.

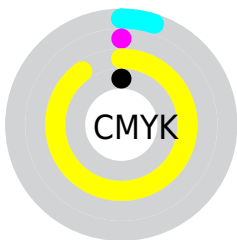
Distribution



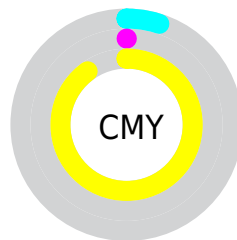
- Red (95%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (16%)



- Cyan (5%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.2954, 0.4078, 0.5098 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 90.2954, 0.4078, 0.5098 by changing the saturation by 10% instead.


 90.2954, 0.4078,
0.5098


 90.2954, 0.4078,
0.5098


528.9913, 0.3753,
0.4340


 68.2257, 0.4118,
0.5238


 147.7486, 0.3993,
0.4860


 50.0814, 0.4149,
0.5392

 183.9010, 0.3952,
0.4760

 35.4780, 0.4164,
0.5559


 225.5163, 0.3913,
0.4670

 24.0313, 0.4158,
0.5745

 272.9789, 0.3876,
0.4590

 15.3569, 0.4086,
0.5914

 326.6734, 0.3842,
0.4517

 9.0702, 0.3930,
0.6070


386.9840, 0.3810,

 4.7870, 0.3696,


0.4452


0.6304


454.2952, 0.3781,
0.4393


 2.1228, 0.3315,
0.6685


 0.6774, 0.0000,
1.0000


 90.2954, 0.4078,
0.5098


 90.2954, 0.4078,
0.5098


 89.9537, 0.4085,
0.5138

 90.7431, 0.4049,
0.5020

 89.9480, 0.4085,
0.5138

 91.3124, 0.3993,
0.4897

 92.0251, 0.3911,
0.4730

 92.8959, 0.3806,
0.4527

 93.9377, 0.3683,
0.4295

 95.1622, 0.3548,
0.4046

 96.5797, 0.3407,
0.3789

 98.2002, 0.3264,
0.3534

99.9992, 0.3127,
0.3290

Harmonies

Analogous

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



90.2954, 0.4847, 0.4460



90.2954, 0.4078, 0.5098



90.2954, 0.3129, 0.5220

Triad

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



90.2954, 0.4078, 0.5098



90.2954, 0.1420, 0.2309



90.2954, 0.3904, 0.2432

Complementary

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



90.2954, 0.4078, 0.5098



8.4055, 0.1569, 0.0684

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.



90.2954, 0.2822, 0.1991



90.2954, 0.4078, 0.5098



90.2954, 0.1548, 0.1874

Square

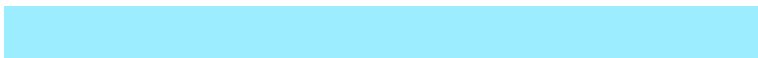
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.2954, 0.4078, 0.5098



90.2954, 0.1630, 0.3205



90.2954, 0.2005, 0.1792



90.2954, 0.4850, 0.3041

Rectangle

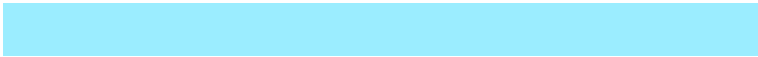
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.2954, 0.4078, 0.5098



90.2954, 0.2506, 0.4783



90.2954, 0.2005, 0.1792



90.2954, 0.3532, 0.2261

Sweetspot

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



90.2996, 0.4078, 0.5098



95.5439, 0.3508, 0.3974



22.6820, 0.6199, 0.3340



20.3523, 0.3556, 0.4061



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.



90.2996, 0.4078, 0.5098



89.9490, 0.4085, 0.5138



76.2620, 0.3344, 0.5666



21.0310, 0.3260, 0.3525



47.0245, 0.4087, 0.5137



4.5950, 0.4100, 0.5127

Inverse Universe

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



8.4055, 0.1569, 0.0684



7.3262, 0.1513, 0.0607



14.6242, 0.2212, 0.1032



17.4306, 0.2988, 0.3045



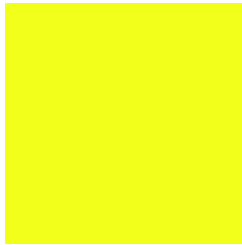
3.8484, 0.1518, 0.0610



0.3924, 0.1560, 0.0633

Previews

White Background



This preview shows how the Yxy color 90.2954, 0.4078, 0.5098 looks on a white background.

Color Contrast Check

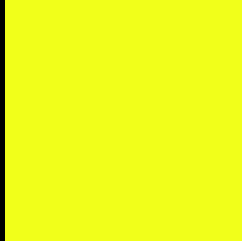
Large Text (above 18pt) WCAG AA × Fail

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 90.2954, 0.4078, 0.5098 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 90.2954, 0.4078, 0.5098

Background



This preview shows how black text looks on a background with the Yxy color 90.2954, 0.4078, 0.5098.

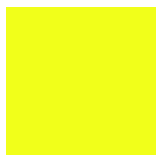


This preview shows how white text looks on a background with the Yxy color 90.2954, 0.4078, 0.5098.

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



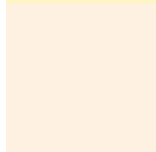
Original Color

90.2954, 0.4078, 0.5098



Protanopia

90.1315, 0.3475, 0.3728



Deuteranopia

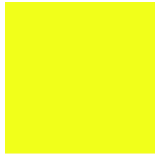
89.6068, 0.3320, 0.3448



Tritanopia

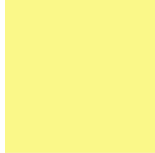
90.0849, 0.3147, 0.3155

Trichromacy



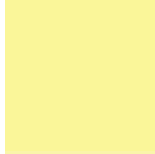
Original Color

90.2954, 0.4078, 0.5098



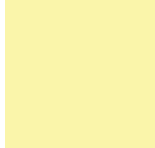
Protanomaly

89.2649, 0.3807, 0.4385



Deuteranomaly

88.5354, 0.3724, 0.4221



Tritanomaly

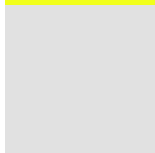
88.5311, 0.3626, 0.4046

Monochromacy



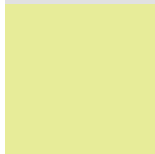
Original Color

90.2954, 0.4078, 0.5098



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

79.2797, 0.3620, 0.4177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2954, 0.4078, 0.5098 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(241, 255, 26)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 26)  
}
```

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(241, 255, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 26) }
```

Border

The CSS property to change the border of an element to Yxy 90.2954, 0.4078, 0.5098 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(241, 255, 26) }
```

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

```
.border{ border-color:rgb(241, 255, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 26);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 90.2954, 0.4078, 0.5098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 26) }
```

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

```
.background{ background-color: rgb(241,  
255, 26) }
```

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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