

Converting Colors

$Yxy(90.6683, 0.4092, 0.5086)$

Have a look what the booklet for
Yxy(90.6683, 0.4092, 0.5086)
contains.

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Color

Yxy(90.6493, 0.4092, 0.5087)

Conversions

Conversions Part 1

Format	Color
Hex	F3FF1A
RGB	243, 255, 26
RGB Percent	95%, 100%, 10%
CMY	0.0469, 0.0000, 0.8980
CMYK	0.05, 0.00, 0.90, 0.00
HSL	63°, 100%, 55%
HSV	63°, 90%, 100%
XYZ	72.9186, 90.6493, 14.6301
YIQ	225.3060, 66.3570, -73.7630

Conversions

Conversions Part 2

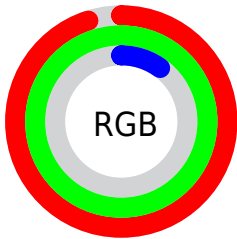
Format	Color
R _Y B	26, 255, 38
Decimal	15990554
CIE Lab	96.27, -26.18, 91.12
CIE LCh	96, 94.810, 106.029
Yxy	90.6493, 0.4092, 0.5087
Android (android.graphics.Color)	4294180634 (0xFFFF3FF1A)
YUV	225.3060, -98.2579, 15.5176
Hunter-Lab	95.2099, -29.9092, 57.5364

Details

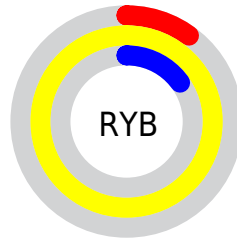
The Yxy color **90.6493, 0.4092, 0.5087** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **8.3699, 0.1565, 0.0682**, and the grayscale version is **76.2193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7593, 0.3973, 0.4689**, and **50.7919, 0.4044, 0.5171** is the 20% darker color. If you saturate the color by 10%, you get **90.3439, 0.4101, 0.5125**, and if you desaturate by 10%, it is **91.0602, 0.4061, 0.5010**.

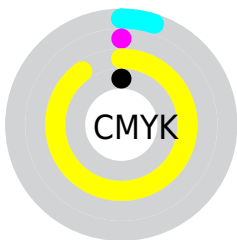
Distribution



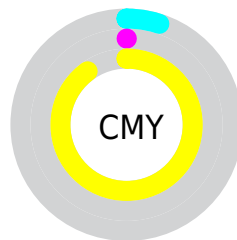
- Red (95%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (15%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.6493, 0.4092, 0.5087 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 90.6493, 0.4092, 0.5087 by changing the saturation by 10% instead.


 90.6493, 0.4092,
0.5087


 90.6493, 0.4092,
0.5087


530.1407, 0.3761,
0.4336


 68.5193, 0.4133,
0.5225


 148.2400, 0.4005,
0.4852


 50.3203, 0.4166,
0.5377


 184.4694, 0.3963,
0.4752

 35.6680, 0.4184,
0.5541

 226.1675, 0.3923,
0.4664

 24.1779, 0.4180,
0.5723

 273.7186, 0.3886,
0.4584

 15.4656, 0.4113,
0.5887

 327.5070, 0.3851,
0.4512

 9.1468, 0.3962,
0.6038


387.9173, 0.3819,


 4.8371, 0.3737,


0.4448

0.6263


455.3337, 0.3789,
0.4389


 2.1520, 0.3371,
0.6629


 0.6936, 0.0283,
0.9717


 90.6493, 0.4092,
0.5087


 90.6493, 0.4092,
0.5087


 90.3439, 0.4101,
0.5125

 91.0602, 0.4061,
0.5010

 90.3382, 0.4101,
0.5126

 91.5921, 0.4003,
0.4889

 92.2668, 0.3920,
0.4725

 93.0990, 0.3813,
0.4523

■ 94.1017, 0.3689,
0.4293

■ 95.2863, 0.3552,
0.4044

■ 96.6635, 0.3409,
0.3788

■ 98.2429, 0.3265,
0.3533

99.9973, 0.3127,
0.3290

Harmonies

Analogous

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



90.6493, 0.4855, 0.4446



90.6493, 0.4092, 0.5087



90.6493, 0.3145, 0.5221

Triad

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



90.6493, 0.4092, 0.5087



90.6493, 0.1423, 0.2322



90.6493, 0.3884, 0.2424

Complementary

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



90.6493, 0.4092, 0.5087



8.3699, 0.1565, 0.0682

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.



90.6493, 0.2806, 0.1987



90.6493, 0.4092, 0.5087



90.6493, 0.1545, 0.1880

Square

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



90.6493, 0.4092, 0.5087



90.6493, 0.1639, 0.3224



90.6493, 0.1996, 0.1793



90.6493, 0.4834, 0.3031

Rectangle

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



90.6493, 0.4092, 0.5087



90.6493, 0.2522, 0.4795



90.6493, 0.1996, 0.1793



90.6493, 0.3513, 0.2255

Sweetspot

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



90.6535, 0.4092, 0.5087



95.6561, 0.3512, 0.3973



22.6852, 0.6198, 0.3340



20.3793, 0.3561, 0.4060



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.



90.6535, 0.4092, 0.5087



90.3416, 0.4101, 0.5126



76.2629, 0.3344, 0.5666



21.0396, 0.3261, 0.3525



47.2264, 0.4102, 0.5125



4.6125, 0.4113, 0.5116

Inverse Universe

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



8.3699, 0.1565, 0.0682



7.3080, 0.1511, 0.0606



14.6290, 0.2212, 0.1032



17.4230, 0.2987, 0.3045



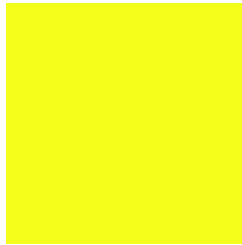
3.8370, 0.1515, 0.0608



0.3888, 0.1552, 0.0628

Previews

White Background



This preview shows how the Yxy color 90.6493, 0.4092, 0.5087 looks on a white background.

Color Contrast Check

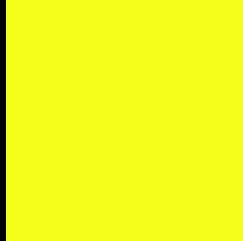
Large Text (above 18pt) WCAG AA × Fail

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 90.6493, 0.4092, 0.5087 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 90.6493, 0.4092, 0.5087

Background



This preview shows how black text looks on a background with the Yxy color 90.6493, 0.4092, 0.5087.

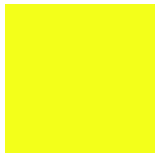


This preview shows how white text looks on a background with the Yxy color 90.6493, 0.4092, 0.5087.

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



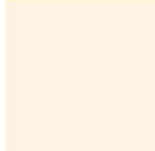
Original Color

90.6493, 0.4092, 0.5087



Protanopia

90.2256, 0.3462, 0.3708



Deuteranopia

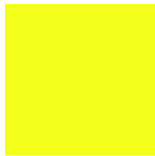
90.2552, 0.3313, 0.3448



Tritanopia

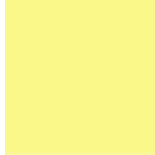
90.0213, 0.3153, 0.3165

Trichromacy



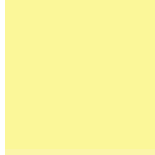
Original Color

90.6493, 0.4092, 0.5087



Protanomaly

89.4790, 0.3809, 0.4373



Deuteranomaly

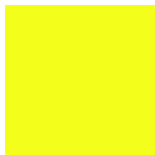
89.3307, 0.3728, 0.4227



Tritanomaly

88.7163, 0.3633, 0.4044

Monochromacy



Original Color

90.6493, 0.4092, 0.5087



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

79.4466, 0.3627, 0.4175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.6493, 0.4092, 0.5087 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(243, 255, 26)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 255, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 26) }
```

Border

The CSS property to change the border of an element to Yxy 90.6493, 0.4092, 0.5087 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(243, 255, 26) }
```

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

```
.border{ border-color:rgb(243, 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(243, 255, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 26);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 90.6493, 0.4092, 0.5087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 26) }
```

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

```
.background{ background-color: rgb(243,  
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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