

Converting Colors

$Yxy(92.8482, 0.4037, 0.4778)$

Have a look what the booklet for
Yxy(92.8482, 0.4037, 0.4778)
contains.

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Color

Yxy(92.8482, 0.4037, 0.4778)

Conversions

Conversions Part 1

Format	Color
Hex	FFFE58
RGB	255, 254, 88
RGB Percent	100%, 100%, 35%
CMY	0.0000, 0.0039, 0.6547
CMYK	0.00, 0.00, 0.65, 0.00
HSL	60°, 100%, 67%
HSV	60°, 65%, 100%
XYZ	78.4488, 92.8482, 23.0274
YIQ	235.3750, 53.8820, -51.4140

Conversions

Conversions Part 2

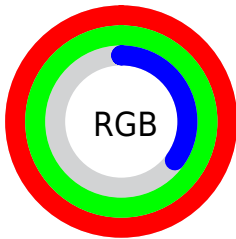
Format	Color
R _Y B	89, 255, 88
Decimal	16776792
CIE Lab	97.17, -18.77, 75.96
CIE LCh	97, 78.240, 103.881
Yxy	92.8482, 0.4037, 0.4778
Android (android.graphics.Color)	4294966872 (0xFFFFFE58)
YUV	235.3750, -72.6559, 17.2111
Hunter-Lab	96.3578, -23.3020, 53.2814

Details

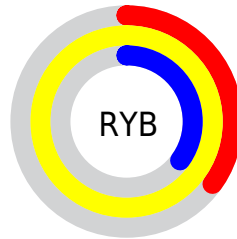
The Yxy color **92.8482, 0.4037, 0.4778** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **16.4485, 0.1852, 0.1187**, and the grayscale version is **83.9165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8553, 0.3766, 0.4347**, and **52.0277, 0.4151, 0.5046** is the 20% darker color. If you saturate the color by 10%, you get **92.4014, 0.4117, 0.4907**, and if you desaturate by 10%, it is **93.4458, 0.3932, 0.4608**.

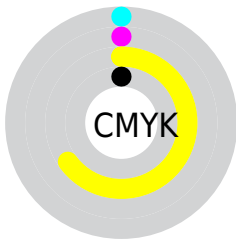
Distribution



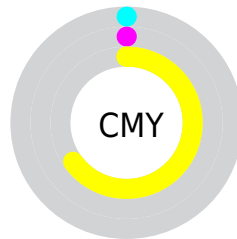
- Red (100%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (35%)



- Cyan (0%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8482, 0.4037, 0.4778 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 92.8482, 0.4037, 0.4778 by changing the saturation by 10% instead.


 92.8482, 0.4037,
0.4778


 92.8482, 0.4037,
0.4778


537.2530, 0.3690,
0.4143


 70.3453, 0.4094,
0.4902


 151.2884, 0.3934,
0.4573


 51.8081, 0.4152,
0.5043


 187.9946, 0.3889,
0.4489

 36.8522, 0.4208,
0.5203


 230.2040, 0.3848,
0.4414

 25.0930, 0.4253,
0.5379

 278.3010, 0.3810,
0.4348

 16.1464, 0.4285,
0.5585

332.6700, 0.3776,
0.4288

 9.6278, 0.4238,
0.5762

393.6954, 0.3745,

 5.1529, 0.4086,

0.4235

0.5914

461.7616, 0.3716,
0.4187

■ 2.3372, 0.3839,
0.6161

■ 0.7933, 0.2716,
0.7284

■ 92.8482, 0.4037,
0.4778

■ 92.8482, 0.4037,
0.4778

■ 92.4014, 0.4117,
0.4907

■ 93.4458, 0.3932,
0.4608

■ 92.0847, 0.4170,
0.4992

■ 94.2035, 0.3806,
0.4402

■ 91.8797, 0.4197,
0.5034

■ 95.1352, 0.3665,
0.4172

■ 91.8105, 0.4204,
0.5044

■ 96.2519, 0.3514,
0.3925

 97.5637, 0.3361,
0.3673

 99.0802, 0.3208,
0.3423

100.0000, 0.3127,
0.3290

Harmonies

Analogous

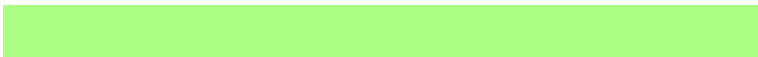
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8482, 0.4637, 0.4281



92.8482, 0.4037, 0.4778



92.8482, 0.3242, 0.4857

Triad

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



92.8482, 0.4037, 0.4778



92.8482, 0.1673, 0.2545



92.8482, 0.3694, 0.2528

Complementary

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



92.8482, 0.4037, 0.4778



16.4485, 0.1852, 0.1187

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.



92.8482, 0.2813, 0.2157



92.8482, 0.4037, 0.4778



92.8482, 0.1755, 0.2117

Square

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



92.8482, 0.4037, 0.4778



92.8482, 0.1903, 0.3326



92.8482, 0.2136, 0.2006



92.8482, 0.4485, 0.3057

Rectangle

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



92.8482, 0.4037, 0.4778



92.8482, 0.2705, 0.4537



92.8482, 0.2136, 0.2006



92.8482, 0.3391, 0.2383

Sweetspot

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



92.8497, 0.4037, 0.4778



96.9451, 0.3430, 0.3788



28.9988, 0.5260, 0.3273



20.6725, 0.3474, 0.3858



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.



92.8497, 0.4037, 0.4778



92.2756, 0.4138, 0.4942



81.2589, 0.3477, 0.5132



21.0710, 0.3269, 0.3523



47.9816, 0.4204, 0.5044



4.6776, 0.4202, 0.5045

Inverse Universe

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



16.4485, 0.1852, 0.1187



10.7010, 0.1644, 0.0841



22.6126, 0.2404, 0.1436



17.3952, 0.2978, 0.3045



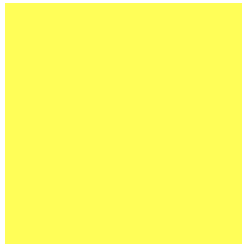
3.7974, 0.1501, 0.0604



0.3756, 0.1504, 0.0612

Previews

White Background



This preview shows how the Yxy color 92.8482, 0.4037, 0.4778 looks on a white background.

Color Contrast Check

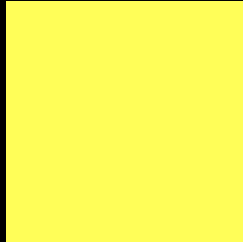
Large Text (above 18pt) WCAG AA × Fail

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 92.8482, 0.4037, 0.4778 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 92.8482, 0.4037, 0.4778

Background



This preview shows how black text looks on a background with the Yxy color 92.8482, 0.4037, 0.4778.



This preview shows how white text looks on a background with the Yxy color 92.8482, 0.4037, 0.4778.

Color Blindness Simulation

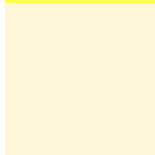
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



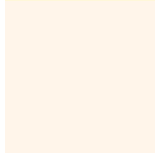
Original Color

92.8482, 0.4037, 0.4778



Protanopia

92.7913, 0.3363, 0.3586



Deuteranopia

92.5053, 0.3259, 0.3398



Tritanopia

92.8635, 0.3162, 0.3232

Trichromacy



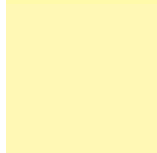
Original Color

92.8482, 0.4037, 0.4778



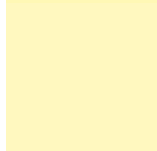
Protanomaly

92.5335, 0.3646, 0.4081



Deuteranomaly

91.7310, 0.3585, 0.3955



Tritanomaly

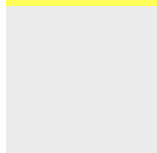
92.1564, 0.3523, 0.3856

Monochromacy



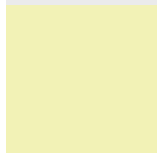
Original Color

92.8482, 0.4037, 0.4778



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.7589, 0.3502, 0.3910

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8482, 0.4037, 0.4778 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(255, 254, 88)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 88)  
}
```

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(255, 254, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 88) }
```

Border

The CSS property to change the border of an element to Yxy 92.8482, 0.4037, 0.4778 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(255, 254, 88) }
```

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

```
.border{ border-color:rgb(255, 254, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8482, 0.4037, 0.4778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 88) }
```

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

```
.background{ background-color: rgb(255,  
254, 88) }
```

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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