

Converting Colors

Yxy(92.4730, 0.4182, 0.5061)

Have a look what the booklet for
Yxy(92.4730, 0.4182, 0.5061)
contains.

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Color

Yxy(92.4026, 0.4179, 0.5064)

Conversions

Conversions Part 1

Format	Color
Hex	FDFE00
RGB	253, 255, 0
RGB Percent	99%, 100%, 0%
CMY	0.0080, 0.0000, 1.0000
CMYK	0.01, 0.00, 1.00, 0.00
HSL	60°, 100%, 50%
HSV	60°, 100%, 100%
XYZ	76.2540, 92.4026, 13.8129
YIQ	225.3320, 80.6630, -79.7290

Conversions

Conversions Part 2

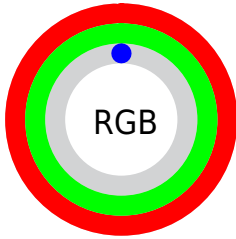
Format	Color
RYB	0, 255, 2
Decimal	16645888
CIELab	96.98, -22.40, 94.31
CIELCh	97, 96.932, 103.364
Yxy	92.4026, 0.4179, 0.5064
Android (android.graphics.Color)	4294835968 (0xFFFDFF00)
YUV	225.3320, -111.0887, 24.2648
Hunter-Lab	96.1263, -26.6224, 58.7687

Details

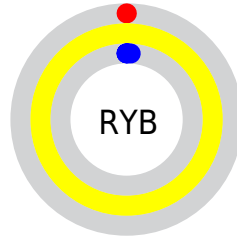
The Yxy color **92.4026, 0.4179, 0.5064** is a light color, and the websafe version is hex **FFFF00**, and the color name is **lemon glacier**. The color can be described as light saturated yellow. A complement of this color would be **7.2332, 0.1502, 0.0601**, and the grayscale version is **76.3073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6245, 0.4002, 0.4736**, and **51.9232, 0.4123, 0.5108** is the 20% darker color. If you saturate the color by 10%, you get **92.3932, 0.4179, 0.5064**, and if you desaturate by 10%, it is **92.5040, 0.4163, 0.5033**.

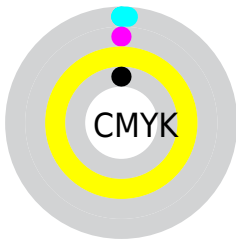
Distribution



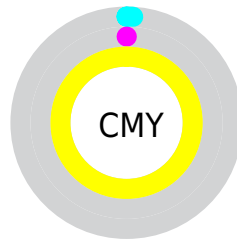
- Red (99%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (1%)



- Cyan (1%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4026, 0.4179, 0.5064 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 92.4026, 0.4179, 0.5064 by changing the saturation by 10% instead.


 92.4026, 0.4179,
0.5064

 92.4026, 0.4179,
0.5064


535.8158, 0.3817,
0.4341

 69.9751, 0.4225,
0.5192


 150.6713, 0.4083,
0.4842

 51.5062, 0.4264,
0.5331

 187.2812, 0.4037,
0.4746


 36.6116, 0.4287,
0.5477


 229.3874, 0.3994,
0.4661

 24.9069, 0.4296,
0.5641

 277.3742, 0.3953,
0.4584

 16.0077, 0.4233,
0.5767

 331.6260, 0.3915,
0.4514

 9.5296, 0.4108,
0.5892


 392.5273, 0.3880,


 5.0882, 0.3924,


0.4450


0.6076


460.4625, 0.3847,
0.4393


 2.2991, 0.3623,
0.6377


 0.7732, 0.1956,
0.8044


 92.4026, 0.4179,
0.5064


 92.4026, 0.4179,
0.5064


 92.3932, 0.4179,
0.5064

 92.5040, 0.4163,
0.5033


 92.7092, 0.4125,
0.4966


 93.0376, 0.4060,
0.4855

 93.5067, 0.3969,
0.4701

 94.1314, 0.3855,
0.4508

 94.9247, 0.3723,
0.4286

 95.8980, 0.3578,
0.4043

 97.0619, 0.3427,
0.3791

 98.4262, 0.3275,
0.3537

Harmonies

Analogous

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



92.4026, 0.4926, 0.4389



92.4026, 0.4179, 0.5064



92.4026, 0.3228, 0.5278

Triad

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



92.4026, 0.4179, 0.5064



92.4026, 0.1408, 0.2367



92.4026, 0.3795, 0.2365

Complementary

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



92.4026, 0.4179, 0.5064



7.2332, 0.1502, 0.0601

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.



92.4026, 0.2713, 0.1943



92.4026, 0.4179, 0.5064



92.4026, 0.1503, 0.1885

Square

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



92.4026, 0.4179, 0.5064



92.4026, 0.1657, 0.3325



92.4026, 0.1926, 0.1771



92.4026, 0.4795, 0.2966

Rectangle

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



92.4026, 0.4179, 0.5064



92.4026, 0.2590, 0.4905



92.4026, 0.1926, 0.1771



92.4026, 0.3417, 0.2200

Sweetspot

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



92.3932, 0.4179, 0.5064



95.8980, 0.3578, 0.4043



21.2600, 0.6401, 0.3300



20.4334, 0.3640, 0.4147



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.



92.3932, 0.4179, 0.5064



76.0705, 0.3353, 0.5720



21.0829, 0.3268, 0.3525



48.2809, 0.4179, 0.5064



4.7033, 0.4181, 0.5062

Inverse Universe

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



7.2332, 0.1502, 0.0601



11.7705, 0.2004, 0.0878



17.3848, 0.2980, 0.3044



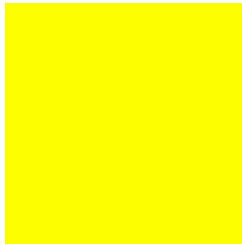
3.7825, 0.1503, 0.0601



0.3706, 0.1508, 0.0604

Previews

White Background



This preview shows how the Yxy color 92.4026, 0.4179, 0.5064 looks on a white background.

Color Contrast Check

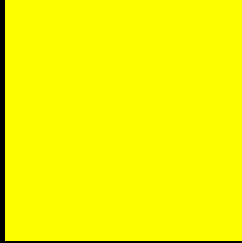
Large Text (above 18pt) WCAG AA × Fail

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 92.4026, 0.4179, 0.5064 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 92.4026, 0.4179, 0.5064

Background



This preview shows how black text looks on a background with the Yxy color 92.4026, 0.4179, 0.5064.



This preview shows how white text looks on a background with the Yxy color 92.4026, 0.4179, 0.5064.

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



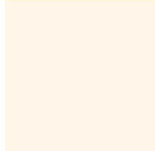
Original Color

92.4026, 0.4179, 0.5064



Protanopia

92.0266, 0.3383, 0.3606



Deuteranopia

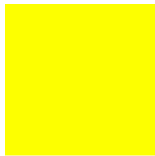
92.3910, 0.3272, 0.3417



Tritanopia

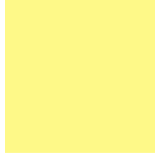
92.2633, 0.3163, 0.3223

Trichromacy



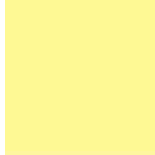
Original Color

92.4026, 0.4179, 0.5064



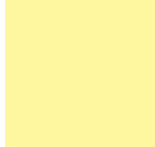
Protanomaly

90.5998, 0.3837, 0.4390



Deuteranomaly

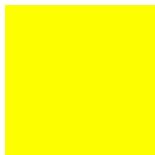
90.9603, 0.3771, 0.4282



Tritanomaly

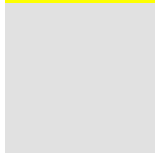
90.0956, 0.3714, 0.4163

Monochromacy



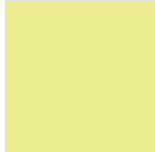
Original Color

92.4026, 0.4179, 0.5064



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

79.6362, 0.3710, 0.4269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4026, 0.4179, 0.5064 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(253, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 0)  
}
```

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(253, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 0) }
```

Border

The CSS property to change the border of an element to Yxy 92.4026, 0.4179, 0.5064 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(253, 255, 0) }
```

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

```
.border{ border-color:rgb(253, 255, 0) }
```

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

Here you see how a box with a 4 pixel rgb(253, 255, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
0) }
```

Background

The CSS property to change the background color of an element to Yxy 92.4026, 0.4179, 0.5064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 0) }
```

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

```
.background{ background-color: rgb(253,  
255, 0) }
```

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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