

Converting Colors

Yxy(92.8316, 0.4181, 0.5032)

Have a look what the booklet for
Yxy(92.8316, 0.4181, 0.5032)
contains.

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Color

Yxy(92.8305, 0.4181, 0.5032)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF14
RGB	255, 255, 20
RGB Percent	100%, 100%, 8%
CMY	0.0000, 0.0000, 0.9211
CMYK	0.00, 0.00, 0.92, 0.00
HSL	60°, 100%, 54%
HSV	60°, 92%, 100%
XYZ	77.1312, 92.8305, 14.5186
YIQ	228.2100, 75.4350, -73.0850

Conversions

Conversions Part 2

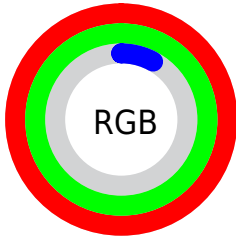
Format	Color
RYB	20, 255, 20
Decimal	16776980
CIELab	97.16, -21.38, 92.92
CIELCh	97, 95.352, 102.957
Yxy	92.8305, 0.4181, 0.5032
Android (android.graphics.Color)	4294967060 (0xFFFFFFFF14)
YUV	228.2100, -102.6475, 23.4948
Hunter-Lab	96.3486, -25.7130, 58.5097

Details

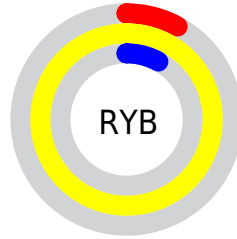
The Yxy color **92.8305, 0.4181, 0.5032** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **7.8741, 0.1529, 0.0647**, and the grayscale version is **78.4792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7196, 0.3982, 0.4703**, and **52.3162, 0.4149, 0.5087** is the 20% darker color. If you saturate the color by 10%, you get **92.7800, 0.4193, 0.5053**, and if you desaturate by 10%, it is **92.9742, 0.4147, 0.4975**.

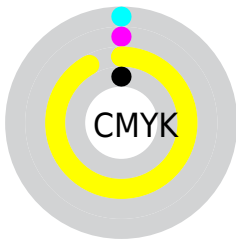
Distribution



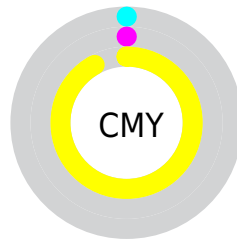
- Red (100%)
- Green (100%)
- Blue (8%)



- Red (8%)
- Yellow (100%)
- Blue (8%)



- Cyan (0%)
- Magenta (0%)
- Yellow (92%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8305, 0.4181, 0.5032 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 92.8305, 0.4181, 0.5032 by changing the saturation by 10% instead.


 92.8305, 0.4181,
0.5032

 92.8305, 0.4181,
0.5032


537.1960, 0.3813,
0.4321


 70.3306, 0.4229,
0.5159

 151.2639, 0.4082,
0.4813


 51.7961, 0.4272,
0.5296


 187.9663, 0.4035,
0.4719

 36.8426, 0.4300,
0.5441


 230.1716, 0.3991,
0.4635

 25.0856, 0.4312,
0.5600

 278.2642, 0.3950,
0.4559

 16.1409, 0.4265,
0.5735

 332.6285, 0.3912,
0.4491

 9.6239, 0.4147,
0.5853


393.6490, 0.3876,


 5.1503, 0.3972,


0.4429


0.6028


461.7100, 0.3844,
0.4372


 2.3357, 0.3689,
0.6311


 0.7925, 0.2260,
0.7740


 92.8305, 0.4181,
0.5032


 92.8305, 0.4181,
0.5032


 92.7800, 0.4193,
0.5053


 92.9742, 0.4147,
0.4975


 93.2363, 0.4086,
0.4875


 93.6358, 0.3999,
0.4732

 94.1879, 0.3888,
0.4548

 94.9058, 0.3758,
0.4332

 95.8014, 0.3614,
0.4094

 96.8854, 0.3462,
0.3844

 98.1678, 0.3309,
0.3590

 99.6576, 0.3158,
0.3341

Harmonies

Analogous

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



92.8305, 0.4910, 0.4371



92.8305, 0.4181, 0.5032



92.8305, 0.3245, 0.5242

Triad

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



92.8305, 0.4181, 0.5032



92.8305, 0.1432, 0.2394



92.8305, 0.3769, 0.2372

Complementary

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



92.8305, 0.4181, 0.5032



7.8741, 0.1529, 0.0647

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.



92.8305, 0.2708, 0.1958



92.8305, 0.4181, 0.5032



92.8305, 0.1521, 0.1910

Square

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



92.8305, 0.4181, 0.5032



92.8305, 0.1685, 0.3343



92.8305, 0.1936, 0.1791



92.8305, 0.4756, 0.2965

Rectangle

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



92.8305, 0.4181, 0.5032



92.8305, 0.2615, 0.4883



92.8305, 0.1936, 0.1791



92.8305, 0.3399, 0.2209

Sweetspot

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



92.8309, 0.4181, 0.5032



96.2239, 0.3552, 0.3992



21.8151, 0.6295, 0.3299



20.5012, 0.3617, 0.4099



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.



92.8309, 0.4181, 0.5032



92.7800, 0.4193, 0.5053



76.9363, 0.3396, 0.5644



21.0908, 0.3269, 0.3525



48.4795, 0.4193, 0.5053



4.7203, 0.4193, 0.5053

Inverse Universe

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



7.8741, 0.1529, 0.0647



7.2200, 0.1500, 0.0600



13.0895, 0.2089, 0.0953



17.3778, 0.2978, 0.3044



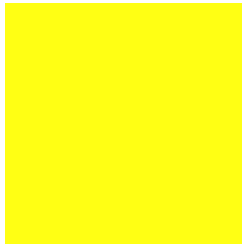
3.7726, 0.1500, 0.0600



0.3673, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 92.8305, 0.4181, 0.5032 looks on a white background.

Color Contrast Check

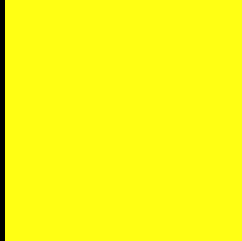
Large Text (above 18pt) WCAG AA × Fail

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 92.8305, 0.4181, 0.5032 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 92.8305, 0.4181, 0.5032

Background



This preview shows how black text looks on a background with the Yxy color 92.8305, 0.4181, 0.5032.



This preview shows how white text looks on a background with the Yxy color 92.8305, 0.4181, 0.5032.

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



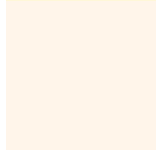
Original Color

92.8305, 0.4181, 0.5032



Protanopia

92.7394, 0.3369, 0.3596



Deuteranopia

92.5053, 0.3259, 0.3398



Tritanopia

92.8635, 0.3162, 0.3232

Trichromacy



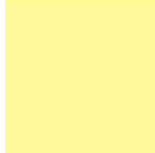
Original Color

92.8305, 0.4181, 0.5032



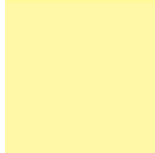
Protanomaly

91.6755, 0.3791, 0.4315



Deuteranomaly

91.4117, 0.3732, 0.4206



Tritanomaly

91.1480, 0.3676, 0.4102

Monochromacy



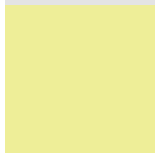
Original Color

92.8305, 0.4181, 0.5032



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

81.5932, 0.3671, 0.4189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8305, 0.4181, 0.5032 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, 255, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 20)  
}
```

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, 255, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 20) }
```

Border

The CSS property to change the border of an element to Yxy 92.8305, 0.4181, 0.5032 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, 255, 20) }
```

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

```
.border{ border-color:rgb(255, 255, 20) }
```

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

Here you see how a box with a 4 pixel rgb(255, 255, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8305, 0.4181, 0.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 20) }
```

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

```
.background{ background-color: rgb(255,  
255, 20) }
```

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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