

Converting Colors

Yxy(93.2914, 0.4074, 0.4855)

Have a look what the booklet for
Yxy(93.2914, 0.4074, 0.4855)
contains.

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Color

Yxy(93.2880, 0.4075, 0.4856)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFF4B |
| RGB | 255, 255, 75 |
| RGB Percent | 100%, 100%, 29% |
| CMY | 0.0000, 0.0000, 0.7059 |
| CMYK | 0.00, 0.00, 0.71, 0.00 |
| HSL | 60°, 100%, 65% |
| HSV | 60°, 71%, 100% |
| XYZ | 78.2843, 93.2880, 20.5364 |
| YIQ | 234.4800, 57.7800, -55.9800 |

Conversions

Conversions Part 2

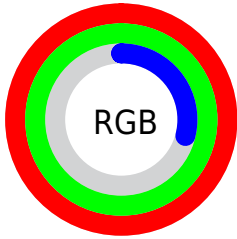
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 75, 255, 75 |
| Decimal | 16777035 |
| CIE Lab | 97.34, -19.87, 80.72 |
| CIE LCh | 97, 83.133, 103.826 |
| Yxy | 93.2880, 0.4075, 0.4856 |
| Android (android.graphics.Color) | 4294967115 (0xFFFFFFFF4B) |
| YUV | 234.4800, -78.6236, 17.9960 |
| Hunter-Lab | 96.5857, -24.3478, 55.0035 |

Details

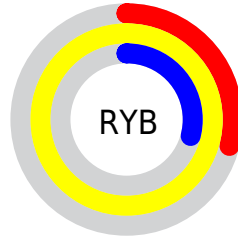
The Yxy color **93.2880, 0.4075, 0.4856** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **13.7498, 0.1761, 0.1032**, and the grayscale version is **83.2334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5012, 0.3829, 0.4451**, and **52.3162, 0.4149, 0.5087** is the 20% darker color. If you saturate the color by 10%, you get **92.9997, 0.4139, 0.4963**, and if you desaturate by 10%, it is **93.7051, 0.3984, 0.4706**.

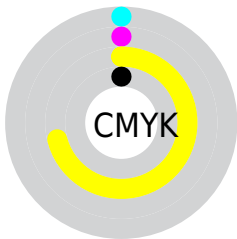
Distribution



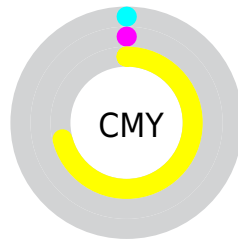
- Red (100%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (29%)



- Cyan (0%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2880, 0.4075, 0.4856 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 93.2880, 0.4075, 0.4856 by changing the saturation by 10% instead.


 93.2880, 0.4075,
0.4856


 93.2880, 0.4075,
0.4856


538.6696, 0.3722,
0.4195

 70.7109, 0.4130,
0.4982


 151.8973, 0.3973,
0.4645

 52.1063, 0.4184,
0.5125


 188.6982, 0.3927,
0.4558

 37.0898, 0.4233,
0.5283


 231.0093, 0.3885,
0.4480

 25.2770, 0.4266,
0.5453

 279.2148, 0.3847,
0.4410

 16.2836, 0.4301,
0.5677

333.6992, 0.3811,
0.4348

 9.7250, 0.4202,
0.5798


394.8469, 0.3779,


 5.2170, 0.4042,


0.4292


0.5958


463.0422, 0.3749,
0.4241


 2.3752, 0.3782,
0.6218


 0.8131, 0.2614,
0.7386


 93.2880, 0.4075,
0.4856


 93.2880, 0.4075,
0.4856


 92.9997, 0.4139,
0.4963


 93.7051, 0.3984,
0.4706

 92.8388, 0.4177,
0.5026

 94.2825, 0.3869,
0.4517

 92.7721, 0.4193,
0.5052

 95.0276, 0.3736,
0.4297

 95.9521, 0.3591,
0.4057

97.0665, 0.3439,
0.3805

98.3808, 0.3286,
0.3552

99.9039, 0.3136,
0.3304

100.0000, 0.3127,
0.3290

Harmonies

Analogous

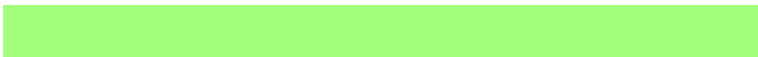
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2880, 0.4713, 0.4315



93.2880, 0.4075, 0.4856



93.2880, 0.3238, 0.4963

Triad

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



93.2880, 0.4075, 0.4856



93.2880, 0.1602, 0.2497



93.2880, 0.3723, 0.2487

Complementary

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



93.2880, 0.4075, 0.4856



13.7498, 0.1761, 0.1032

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.



93.2880, 0.2790, 0.2102



93.2880, 0.4075, 0.4856



93.2880, 0.1689, 0.2056

Square

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



93.2880, 0.4075, 0.4856



93.2880, 0.1838, 0.3324



93.2880, 0.2083, 0.1944



93.2880, 0.4566, 0.3037

Rectangle

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



93.2880, 0.4075, 0.4856



93.2880, 0.2674, 0.4626



93.2880, 0.2083, 0.1944



93.2880, 0.3402, 0.2337

Sweetspot

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



93.2825, 0.4075, 0.4856



97.0166, 0.3445, 0.3816



26.8427, 0.5505, 0.3274



20.6960, 0.3487, 0.3886



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.



93.2825, 0.4075, 0.4856



92.9149, 0.4159, 0.4996



80.3531, 0.3478, 0.5255



21.0906, 0.3269, 0.3525



48.4755, 0.4193, 0.5052



4.7199, 0.4193, 0.5052

Inverse Universe

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



13.7498, 0.1761, 0.1032



9.0398, 0.1578, 0.0729



19.9342, 0.2334, 0.1312



17.3780, 0.2978, 0.3044



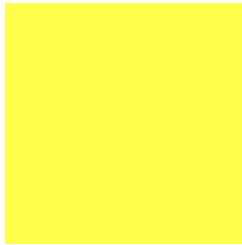
3.7728, 0.1500, 0.0600



0.3674, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 93.2880, 0.4075, 0.4856 looks on a white background.

Color Contrast Check

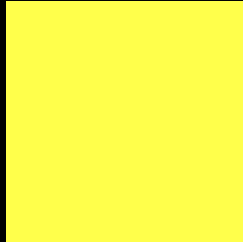
Large Text (above 18pt) WCAG AA × Fail

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 93.2880, 0.4075, 0.4856 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 93.2880, 0.4075, 0.4856

Background



This preview shows how black text looks on a background with the Yxy color 93.2880, 0.4075, 0.4856.



This preview shows how white text looks on a background with the Yxy color 93.2880, 0.4075, 0.4856.

Color Blindness Simulation

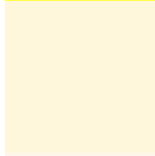
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



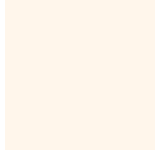
Original Color

93.2880, 0.4075, 0.4856



Protanopia

92.8960, 0.3350, 0.3566



Deuteranopia

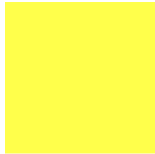
93.1697, 0.3252, 0.3397



Tritanopia

92.8635, 0.3162, 0.3232

Trichromacy



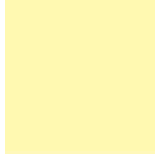
Original Color

93.2880, 0.4075, 0.4856



Protanomaly

92.4212, 0.3664, 0.4110



Deuteranomaly

92.1857, 0.3607, 0.4004



Tritanomaly

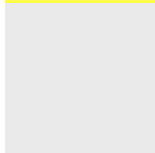
91.9400, 0.3554, 0.3906

Monochromacy



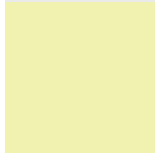
Original Color

93.2880, 0.4075, 0.4856



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

85.5161, 0.3540, 0.3972

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2880, 0.4075, 0.4856 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, 75)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 75)  
}
```

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, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 75) }
```

Border

The CSS property to change the border of an element to Yxy 93.2880, 0.4075, 0.4856 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, 75) }
```

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

```
.border{ border-color:rgb(255, 255, 75) }
```

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, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 75);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2880, 0.4075, 0.4856 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, 75) }
```

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

```
.background{ background-color: rgb(255,  
255, 75) }
```

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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