

Converting Colors

Yxy(85.1058, 0.4251, 0.4929)

Have a look what the booklet for
Yxy(85.1058, 0.4251, 0.4929)
contains.

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Color

Yxy(84.8856, 0.4254, 0.4927)

Conversions

Conversions Part 1

Format	Color
Hex	FFF223
RGB	255, 242, 35
RGB Percent	100%, 95%, 14%
CMY	0.0001, 0.0509, 0.8628
CMYK	0.00, 0.05, 0.86, 0.00
HSL	56°, 100%, 57%
HSV	56°, 86%, 100%
XYZ	73.2907, 84.8856, 14.1103
YIQ	222.2890, 74.1950, -61.6210

Conversions

Conversions Part 2

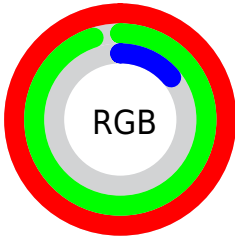
Format	Color
R _Y B	49, 255, 35
Decimal	16773667
CIE Lab	93.83, -14.92, 88.16
CIE LCh	94, 89.413, 99.606
Yxy	84.8856, 0.4254, 0.4927
Android (android.graphics.Color)	4294963747 (0xFFFFFFFF223)
YUV	222.2890, -92.3335, 28.6875
Hunter-Lab	92.1334, -19.2394, 55.4131

Details

The Yxy color **84.8856, 0.4254, 0.4927** 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 **9.6870, 0.1585, 0.0776**, and the grayscale version is **73.8892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7999, 0.3965, 0.4675**, and **46.5871, 0.4267, 0.4994** is the 20% darker color. If you saturate the color by 10%, you get **83.8978, 0.4292, 0.4960**, and if you desaturate by 10%, it is **85.9984, 0.4189, 0.4851**.

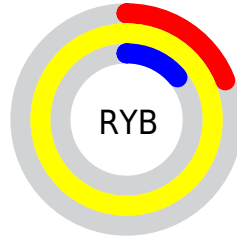
Distribution



Red (100%)

Green (95%)

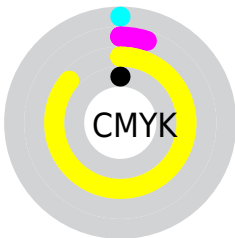
Blue (14%)



Red (19%)

Yellow (100%)

Blue (14%)

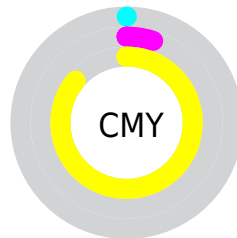


Cyan (0%)

Magenta (5%)

Yellow (86%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.8856, 0.4254, 0.4927 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 84.8856, 0.4254, 0.4927 by changing the saturation by 10% instead.

 84.8856, 0.4254,
0.4927


 84.8856, 0.4254,
0.4927

511.2494, 0.3837,
0.4254

 63.7469, 0.4315,
0.5047


 140.2133, 0.4136,
0.4719

 46.4457, 0.4373,
0.5176


 175.1711, 0.4082,
0.4631


 32.5977, 0.4420,
0.5311


 215.5040, 0.4033,
0.4551

 21.8184, 0.4457,
0.5462

 261.5965, 0.3987,
0.4479

 13.7235, 0.4429,
0.5571

 313.8328, 0.3944,
0.4414

 7.9286, 0.4337,
0.5663


372.5975, 0.3906,


 4.0493, 0.4198,

0.4356

0.5802


438.2749, 0.3870,
0.4303


 1.7012, 0.3963,
0.6037


 0.4244, 0.0845,
0.9155


 84.8856, 0.4254,
0.4927


 84.8856, 0.4254,
0.4927


 83.8978, 0.4292,
0.4960

 85.9984, 0.4189,
0.4851

 83.5470, 0.4302,
0.4966

 87.2447, 0.4097,
0.4729

 88.6449, 0.3979,
0.4567

 90.2130, 0.3843,
0.4370

91.9614, 0.3692,
0.4149

93.9013, 0.3535,
0.3914

96.0429, 0.3376,
0.3673

98.3958, 0.3221,
0.3435

99.9967, 0.3127,
0.3290

Harmonies

Analogous

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



84.8856, 0.4919, 0.4275



84.8856, 0.4254, 0.4927



84.8856, 0.3356, 0.5189

Triad

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



84.8856, 0.4254, 0.4927



84.8856, 0.1486, 0.2506



84.8856, 0.3630, 0.2342

Complementary

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



84.8856, 0.4254, 0.4927



9.6870, 0.1585, 0.0776

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.



84.8856, 0.2622, 0.1961



84.8856, 0.4254, 0.4927



84.8856, 0.1536, 0.1983

Square

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



84.8856, 0.4254, 0.4927



84.8856, 0.1779, 0.3473



84.8856, 0.1907, 0.1828



84.8856, 0.4615, 0.2909

Rectangle

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



84.8856, 0.4254, 0.4927



84.8856, 0.2736, 0.4908



84.8856, 0.1907, 0.1828



84.8856, 0.3274, 0.2190

Sweetspot

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



84.8896, 0.4254, 0.4927



93.9724, 0.3531, 0.3907



22.6857, 0.6039, 0.3231



19.9649, 0.3585, 0.3990



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.



84.8896, 0.4254, 0.4927



83.5600, 0.4302, 0.4966



79.0681, 0.3512, 0.5501



20.8964, 0.3271, 0.3511



43.7410, 0.4300, 0.4968



4.3124, 0.4287, 0.4978

Inverse Universe

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



9.6870, 0.1585, 0.0776



7.5626, 0.1507, 0.0626



13.1919, 0.2040, 0.0965



17.5495, 0.2978, 0.3059



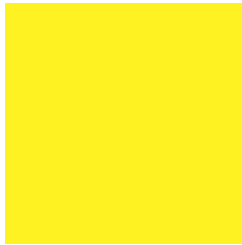
4.0183, 0.1510, 0.0635



0.4489, 0.1533, 0.0717

Previews

White Background



This preview shows how the Yxy color 84.8856, 0.4254, 0.4927 looks on a white background.

Color Contrast Check

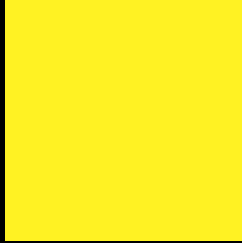
Large Text (above 18pt) WCAG AA × Fail

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 84.8856, 0.4254, 0.4927 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 84.8856, 0.4254, 0.4927

Background



This preview shows how black text looks on a background with the Yxy color 84.8856, 0.4254, 0.4927.



This preview shows how white text looks on a background with the Yxy color 84.8856, 0.4254, 0.4927.

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

84.8856, 0.4254, 0.4927

Protanopia

85.0177, 0.3734, 0.4052

Deuteranopia

84.6597, 0.3442, 0.3551



Tritanopia

84.7031, 0.3234, 0.3202

Trichromacy



Original Color

84.8856, 0.4254, 0.4927



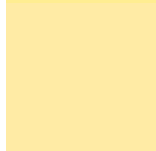
Protanomaly

84.2540, 0.3996, 0.4474



Deuteranomaly

83.8727, 0.3842, 0.4205



Tritanomaly

83.3933, 0.3724, 0.3995

Monochromacy



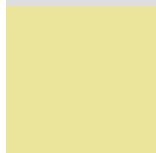
Original Color

84.8856, 0.4254, 0.4927



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

75.8641, 0.3658, 0.4094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.8856, 0.4254, 0.4927 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, 242, 35)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 35)  
}
```

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, 242, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 35) }
```

Border

The CSS property to change the border of an element to Yxy 84.8856, 0.4254, 0.4927 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, 242, 35) }
```

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

```
.border{ border-color:rgb(255, 242, 35) }
```

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

Here you see how a box with a 4 pixel rgb(255, 242, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 35);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 84.8856, 0.4254, 0.4927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 35) }
```

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

```
.background{ background-color: rgb(255,  
242, 35) }
```

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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