

Converting Colors

Yxy(84.1193, 0.4284, 0.4953)

Have a look what the booklet for
Yxy(84.1193, 0.4284, 0.4953)
contains.

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Color

Yxy(84.2143, 0.4282, 0.4954)

Conversions

Conversions Part 1

Format	Color
Hex	FFF112
RGB	255, 241, 18
RGB Percent	100%, 95%, 7%
CMY	0.0002, 0.0548, 0.9296
CMYK	0.00, 0.05, 0.93, 0.00
HSL	56°, 100%, 54%
HSV	56°, 93%, 100%
XYZ	72.7908, 84.2143, 12.9874
YIQ	219.7640, 79.9270, -66.3850

Conversions

Conversions Part 2

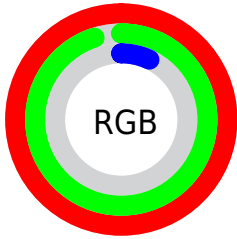
Format	Color
R _Y B	33, 255, 18
Decimal	16773394
CIE Lab	93.54, -14.71, 90.42
CIE LCh	94, 91.607, 99.243
Yxy	84.2143, 0.4282, 0.4954
Android (android.graphics.Color)	4294963474 (0xFFFFFFFF112)
YUV	219.7640, -99.4697, 30.9020
Hunter-Lab	91.7683, -19.0081, 55.8469

Details

The Yxy color **84.2143, 0.4282, 0.4954** 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 **8.3712, 0.1537, 0.0684**, and the grayscale version is **72.0568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6618, 0.3994, 0.4723**, and **46.0354, 0.4267, 0.4994** is the 20% darker color. If you saturate the color by 10%, you get **83.5521, 0.4302, 0.4966**, and if you desaturate by 10%, it is **85.2433, 0.4235, 0.4907**.

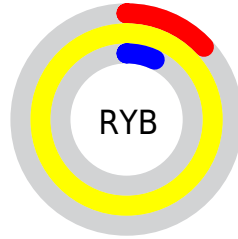
Distribution



Red (100%)

Green (95%)

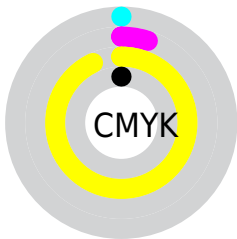
Blue (7%)



Red (13%)

Yellow (100%)

Blue (7%)

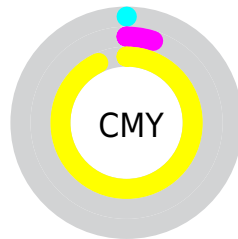


Cyan (0%)

Magenta (5%)

Yellow (93%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.2143, 0.4282, 0.4954 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 84.2143, 0.4282, 0.4954 by changing the saturation by 10% instead.


 84.2143, 0.4282,
0.4954


 84.2143, 0.4282,
0.4954


509.0246, 0.3859,
0.4276


 63.1924, 0.4342,
0.5073


 139.2749, 0.4164,
0.4746


 45.9969, 0.4398,
0.5199


 174.0824, 0.4110,
0.4657

 32.2433, 0.4441,
0.5330


 214.2538, 0.4059,
0.4577

 21.5474, 0.4482,
0.5484

 260.1737, 0.4012,
0.4504

 13.5247, 0.4433,
0.5567

 312.2263, 0.3969,
0.4439

 7.7909, 0.4341,
0.5659


 370.7960, 0.3929,


 3.9614, 0.4203,


0.4379


0.5797


436.2673, 0.3893,
0.4325


 1.6520, 0.3967,
0.6033


 0.3923, 0.0336,
0.9664


 84.2143, 0.4282,
0.4954


 84.2143, 0.4282,
0.4954


 83.5521, 0.4302,
0.4966

 85.2433, 0.4235,
0.4907


 86.3926, 0.4161,
0.4816

 87.6850, 0.4060,
0.4680


 89.1362, 0.3936,
0.4505

 90.7594, 0.3794,
0.4299

 92.5667, 0.3641,
0.4072

 94.5688, 0.3482,
0.3834

 96.7758, 0.3324,
0.3594

 99.1969, 0.3171,
0.3358

Harmonies

Analogous

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



84.2143, 0.4963, 0.4277



84.2143, 0.4282, 0.4954



84.2143, 0.3365, 0.5245

Triad

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



84.2143, 0.4282, 0.4954



84.2143, 0.1453, 0.2492



84.2143, 0.3628, 0.2315

Complementary

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



84.2143, 0.4282, 0.4954



8.3712, 0.1537, 0.0684

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.



84.2143, 0.2597, 0.1931



84.2143, 0.4282, 0.4954



84.2143, 0.1502, 0.1956

Square

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



84.2143, 0.4282, 0.4954



84.2143, 0.1753, 0.3489



84.2143, 0.1873, 0.1798



84.2143, 0.4645, 0.2889

Rectangle

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



84.2143, 0.4282, 0.4954



84.2143, 0.2732, 0.4968



84.2143, 0.1873, 0.1798



84.2143, 0.3263, 0.2162

Sweetspot

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



84.2183, 0.4282, 0.4954



93.5759, 0.3562, 0.3955



21.7956, 0.6225, 0.3252



19.8482, 0.3630, 0.4057



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.



84.2183, 0.4282, 0.4954



83.5887, 0.4302, 0.4966



78.2315, 0.3485, 0.5581



20.8970, 0.3271, 0.3511



43.7557, 0.4300, 0.4968



4.3137, 0.4287, 0.4978

Inverse Universe

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



8.3712, 0.1537, 0.0684



7.5612, 0.1507, 0.0625



11.6873, 0.1959, 0.0877



17.5489, 0.2978, 0.3059



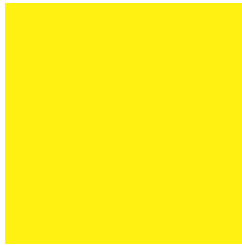
4.0175, 0.1510, 0.0635



0.4487, 0.1533, 0.0717

Previews

White Background



This preview shows how the Yxy color 84.2143, 0.4282, 0.4954 looks on a white background.

Color Contrast Check

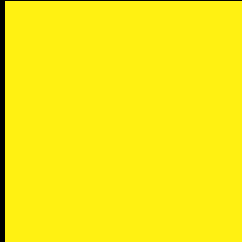
Large Text (above 18pt) WCAG AA × Fail

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 84.2143, 0.4282, 0.4954 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 84.2143, 0.4282, 0.4954

Background



This preview shows how black text looks on a background with the Yxy color 84.2143, 0.4282, 0.4954.



This preview shows how white text looks on a background with the Yxy color 84.2143, 0.4282, 0.4954.

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

84.2143, 0.4282, 0.4954

Protanopia

84.2287, 0.3775, 0.4101

Deuteranopia

83.9456, 0.3464, 0.3572



Tritanopia

84.0856, 0.3241, 0.3202

Trichromacy



Original Color

84.2143, 0.4282, 0.4954



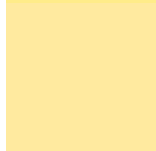
Protanomaly

83.4497, 0.4051, 0.4543



Deuteranomaly

83.0570, 0.3894, 0.4270



Tritanomaly

82.6088, 0.3767, 0.4045

Monochromacy



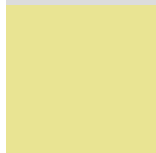
Original Color

84.2143, 0.4282, 0.4954



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

74.9170, 0.3699, 0.4160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.2143, 0.4282, 0.4954 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, 241, 18)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 18)  
}
```

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, 241, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 18) }
```

Border

The CSS property to change the border of an element to Yxy 84.2143, 0.4282, 0.4954 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, 241, 18) }
```

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

```
.border{ border-color:rgb(255, 241, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 18);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 84.2143, 0.4282, 0.4954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 18) }
```

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

```
.background{ background-color: rgb(255,  
241, 18) }
```

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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