

Converting Colors

Yxy(81.9990, 0.4152, 0.5026)

Have a look what the booklet for
Yxy(81.9990, 0.4152, 0.5026)
contains.

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Color

Yxy(82.1182, 0.4154, 0.5024)

Conversions

Conversions Part 1

Format	Color
Hex	F0F21D
RGB	240, 242, 29
RGB Percent	94%, 95%, 11%
CMY	0.0590, 0.0509, 0.8861
CMYK	0.01, 0.00, 0.88, 0.05
HSL	61°, 89%, 53%
HSV	61°, 88%, 95%
XYZ	67.8979, 82.1182, 13.4357
YIQ	217.1200, 67.1810, -66.6670

Conversions

Conversions Part 2

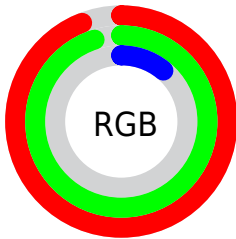
Format	Color
R _Y B	29, 242, 31
Decimal	15790621
CIE Lab	92.63, -21.25, 87.72
CIE LCh	93, 90.255, 103.619
Yxy	82.1182, 0.4154, 0.5024
Android (android.graphics.Color)	4293980701 (0xFFFF0F21D)
YUV	217.1200, -92.7432, 20.0658
Hunter-Lab	90.6191, -24.8393, 54.6427

Details

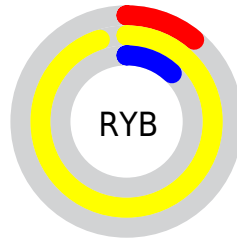
The Yxy color **82.1182, 0.4154, 0.5024** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **7.5856, 0.1560, 0.0695**, and the grayscale version is **70.0900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7393, 0.3978, 0.4696**, and **44.7015, 0.4128, 0.5104** is the 20% darker color. If you saturate the color by 10%, you get **82.0027, 0.4174, 0.5061**, and if you desaturate by 10%, it is **82.3335, 0.4110, 0.4947**.

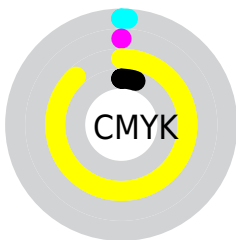
Distribution



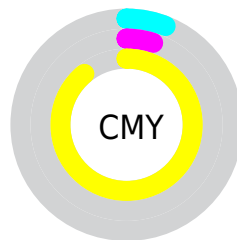
- Red (94%)
- Green (95%)
- Blue (11%)



- Red (11%)
- Yellow (95%)
- Blue (12%)



- Cyan (1%)
- Magenta (0%)
- Yellow (88%)
- Black (5%)





- Cyan (6%)
- Magenta (5%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.1182, 0.4154, 0.5024 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 82.1182, 0.4154, 0.5024 by changing the saturation by 10% instead.


 82.1182, 0.4154,
0.5024


 82.1182, 0.4154,
0.5024


502.0430, 0.3784,
0.4293

 61.4630, 0.4204,
0.5159


 136.3397, 0.4053,
0.4794

 44.5989, 0.4247,
0.5306


 170.6749, 0.4005,
0.4698

 31.1416, 0.4276,
0.5463


 210.3387, 0.3961,
0.4611

 20.7067, 0.4293,
0.5649

 255.7157, 0.3919,
0.4533

 12.9098, 0.4221,
0.5779

 307.1902, 0.3881,
0.4464

 7.3665, 0.4082,
0.5918


365.1467, 0.3846,


 3.6923, 0.3869,


0.4401


429.9695, 0.3814,
0.4344


0.6131


 1.5030, 0.3502,
0.6498


 0.2908, 0.0000,
1.0000


 82.1182, 0.4154,
0.5024


 82.1182, 0.4154,
0.5024


 82.0027, 0.4174,
0.5061


 82.3335, 0.4110,
0.4947

 81.9839, 0.4176,
0.5066


 82.6575, 0.4040,
0.4826

 83.1089, 0.3944,
0.4663


 83.7003, 0.3827,
0.4464

 84.4428, 0.3692,
0.4236

 85.3464, 0.3546,
0.3992

 86.4201, 0.3395,
0.3739

 87.6726, 0.3245,
0.3487

 89.1116, 0.3098,
0.3242

Harmonies

Analogous

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



82.1182, 0.4879, 0.4380



82.1182, 0.4154, 0.5024



82.1182, 0.3226, 0.5208

Triad

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



82.1182, 0.4154, 0.5024



82.1182, 0.1448, 0.2392



82.1182, 0.3786, 0.2394

Complementary

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



82.1182, 0.4154, 0.5024



7.5856, 0.1560, 0.0695

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.



82.1182, 0.2735, 0.1978



82.1182, 0.4154, 0.5024



82.1182, 0.1543, 0.1920

Square

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



82.1182, 0.4154, 0.5024



82.1182, 0.1693, 0.3319



82.1182, 0.1963, 0.1807



82.1182, 0.4750, 0.2985

Rectangle

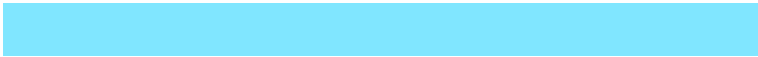
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1182, 0.4154, 0.5024



82.1182, 0.2604, 0.4839



82.1182, 0.1963, 0.1807



82.1182, 0.3420, 0.2231

Sweetspot

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



82.1220, 0.4154, 0.5024



96.3193, 0.3517, 0.3943



19.8503, 0.6197, 0.3299



20.5334, 0.3569, 0.4030



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.



82.1220, 0.4154, 0.5024



92.3139, 0.4176, 0.5066



68.7998, 0.3417, 0.5590



18.4508, 0.3267, 0.3523



44.0381, 0.4176, 0.5066



3.6661, 0.4179, 0.5064

Inverse Universe

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



7.5856, 0.1560, 0.0695



7.2360, 0.1502, 0.0601



12.4876, 0.2140, 0.1007



15.2361, 0.2981, 0.3046



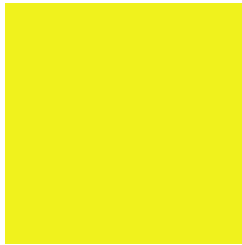
3.4554, 0.1503, 0.0602



0.2900, 0.1511, 0.0606

Previews

White Background



This preview shows how the Yxy color 82.1182, 0.4154, 0.5024 looks on a white background.

Color Contrast Check

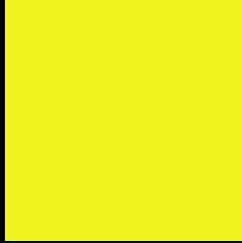
Large Text (above 18pt) WCAG AA × Fail

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 82.1182, 0.4154, 0.5024 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 82.1182, 0.4154, 0.5024

Background



This preview shows how black text looks on a background with the Yxy color 82.1182, 0.4154, 0.5024.



This preview shows how white text looks on a background with the Yxy color 82.1182, 0.4154, 0.5024.

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

82.1182, 0.4154, 0.5024

Protanopia

81.8549, 0.3915, 0.4271

Deuteranopia

81.8848, 0.3524, 0.3624



Tritanopia

81.5212, 0.3226, 0.3123

Trichromacy



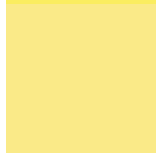
Original Color

82.1182, 0.4154, 0.5024



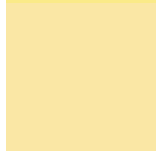
Protanomaly

81.7369, 0.4066, 0.4628



Deuteranomaly

80.9472, 0.3872, 0.4276



Tritanomaly

80.1924, 0.3700, 0.3968

Monochromacy



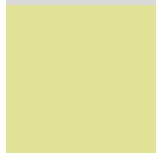
Original Color

82.1182, 0.4154, 0.5024



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

72.5702, 0.3632, 0.4139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1182, 0.4154, 0.5024 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(240, 242, 29)` looks like.

```
.text, #text, p{  
    color:rgb(240, 242, 29)  
}
```

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(240, 242, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 242, 29) }
```

Border

The CSS property to change the border of an element to Yxy 82.1182, 0.4154, 0.5024 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(240, 242, 29) }
```

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

```
.border{ border-color:rgb(240, 242, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 242, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 242, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 242, 29);  
box-shadow:4px 4px 4px 4px rgb(240, 242,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1182, 0.4154, 0.5024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 242, 29) }
```

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

```
.background{ background-color: rgb(240,  
242, 29) }
```

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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