

Converting Colors

$Yxy(71.4598, 0.2573, 0.4145)$

Have a look what the booklet for
Yxy(71.4598, 0.2573, 0.4145)
contains.

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Color

Yxy(71.1755, 0.2569, 0.4134)

Conversions

Conversions Part 1

Format	Color
Hex	43F7B8
RGB	67, 247, 184
RGB Percent	26%, 97%, 72%
CMY	0.7371, 0.0314, 0.2783
CMYK	0.73, 0.00, 0.25, 0.03
HSL	159°, 92%, 62%
HSV	159°, 73%, 97%
XYZ	44.2307, 71.1755, 56.7648
YIQ	185.9980, -87.0570, -57.7530

Conversions

Conversions Part 2

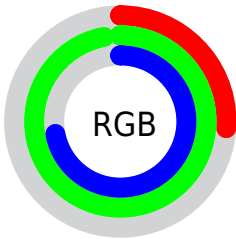
Format	Color
RYB	67, 176, 247
Decimal	4454328
CIELab	87.57, -58.96, 17.60
CIELCh	88, 61.530, 163.377
Yxy	71.1755, 0.2569, 0.4134
Android (android.graphics.Color)	4282644408 (0xFF43F7B8)
YUV	185.9980, -0.9850, -104.3612
Hunter-Lab	84.3656, -54.0567, 19.1630

Details

The Yxy color **71.1755, 0.2569, 0.4134** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **25.4062, 0.4749, 0.2717**, and the grayscale version is **49.1527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2145, 0.2578, 0.3461**, and **38.0339, 0.2534, 0.4324** is the 20% darker color. If you saturate the color by 10%, you get **70.1314, 0.2558, 0.4271**, and if you desaturate by 10%, it is **72.6194, 0.2601, 0.3998**.

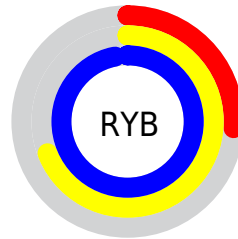
Distribution



Red (26%)

Green (97%)

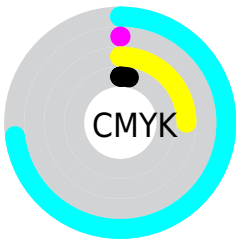
Blue (72%)



Red (26%)

Yellow (69%)

Blue (97%)

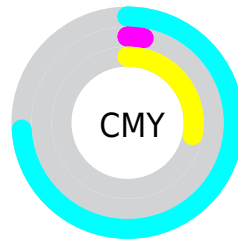


Cyan (73%)

Magenta (0%)

Yellow (25%)

Black (3%)



Cyan (74%)


Magenta (3%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1755, 0.2569, 0.4134 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 71.1755, 0.2569, 0.4134 by changing the saturation by 10% instead.


 71.1755, 0.2569,
0.4134


 71.1755, 0.2569,
0.4134


464.6667, 0.2838,
0.3720


 52.4854, 0.2505,
0.4235


 120.8836, 0.2664,
0.3985


 37.3921, 0.2425,
0.4362


 152.6704, 0.2701,
0.3929

 25.5113, 0.2322,
0.4528


 189.5916, 0.2732,
0.3881

 16.4584, 0.2184,
0.4754

 232.0315, 0.2759,
0.3840

 9.8491, 0.1992,
0.5076

280.3746, 0.2782,
0.3804

 5.2990, 0.1709,
0.5569

335.0052, 0.2803,

 2.4238, 0.1101,

0.3772

0.6515

396.3078, 0.2821,
0.3745

0.8381, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

71.1755, 0.2569,
0.4134

71.1755, 0.2569,
0.4134

70.1314, 0.2558,
0.4271

72.6194, 0.2601,
0.3998


69.4272, 0.2567,
0.4406

74.4971, 0.2651,
0.3865


69.0795, 0.2584,
0.4501


76.8481, 0.2719,
0.3738


79.7054, 0.2801,
0.3619

 83.0988, 0.2893,
0.3508

 87.0556, 0.2992,
0.3406

 91.6014, 0.3097,
0.3314

 94.8849, 0.3142,
0.3231

 95.0019, 0.3131,
0.3214

Harmonies

Analogous

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



71.1755, 0.3260, 0.4621



71.1755, 0.2569, 0.4134



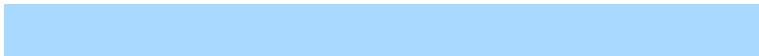
71.1755, 0.2066, 0.3347

Triad

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



71.1755, 0.2569, 0.4134



71.1755, 0.2253, 0.2157



71.1755, 0.4603, 0.3636

Complementary

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



71.1755, 0.2569, 0.4134



25.4062, 0.4749, 0.2717

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.



71.1755, 0.4286, 0.3091



71.1755, 0.2569, 0.4134



71.1755, 0.2849, 0.2285

Square

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



71.1755, 0.2569, 0.4134



71.1755, 0.1912, 0.2270



71.1755, 0.3607, 0.2616



71.1755, 0.4457, 0.4176

Rectangle

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



71.1755, 0.2569, 0.4134



71.1755, 0.1886, 0.2864



71.1755, 0.3607, 0.2616



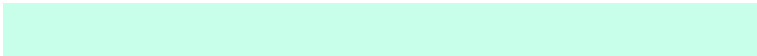
71.1755, 0.4548, 0.3451

Sweetspot

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



71.1783, 0.2569, 0.4134



89.6678, 0.2901, 0.3499



71.6758, 0.3294, 0.5429



18.9650, 0.2875, 0.3528



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.



71.1783, 0.2569, 0.4134



75.0345, 0.2560, 0.4329



59.1004, 0.2226, 0.2943



18.6535, 0.3027, 0.3374



36.5616, 0.2577, 0.4478



3.2328, 0.2531, 0.4311

Inverse Universe

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



25.4062, 0.4749, 0.2717



23.4992, 0.5234, 0.2755



28.1922, 0.5419, 0.3522



16.5783, 0.3238, 0.3207



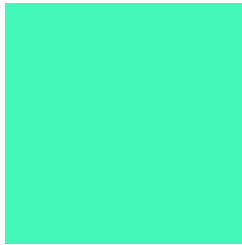
10.8413, 0.5579, 0.2847



0.9715, 0.5231, 0.2655

Previews

White Background



This preview shows how the Yxy color 71.1755, 0.2569, 0.4134 looks on a white background.

Color Contrast Check

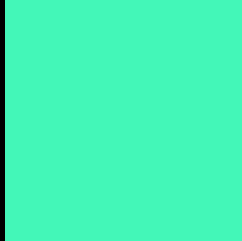
Large Text (above 18pt) WCAG AA × Fail

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 71.1755, 0.2569, 0.4134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

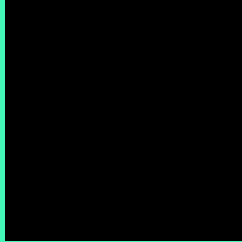
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1755, 0.2569, 0.4134

Background



This preview shows how black text looks on a background with the Yxy color 71.1755, 0.2569, 0.4134.



This preview shows how white text looks on a background with the Yxy color 71.1755, 0.2569, 0.4134.

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

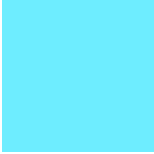
71.1755, 0.2569, 0.4134

Protanopia

69.6838, 0.3570, 0.3806

Deuteranopia

69.8554, 0.3551, 0.3480



Tritanopia

71.1034, 0.2368, 0.3074

Trichromacy



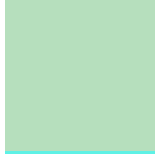
Original Color

71.1755, 0.2569, 0.4134



Protanomaly

67.3526, 0.3076, 0.3947



Deuteranomaly

66.3946, 0.3059, 0.3702



Tritanomaly

70.9474, 0.2434, 0.3438

Monochromacy



Original Color

71.1755, 0.2569, 0.4134



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

54.4542, 0.2819, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1755, 0.2569, 0.4134 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(67, 247, 184)` looks like.

```
.text, #text, p{  
    color:rgb(67, 247, 184)  
}
```

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(67, 247, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 247, 184) }
```

Border

The CSS property to change the border of an element to Yxy 71.1755, 0.2569, 0.4134 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(67, 247, 184) }
```

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

```
.border{ border-color:rgb(67, 247, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 247, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 247, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 247, 184);  
box-shadow:4px 4px 4px 4px rgb(67, 247,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1755, 0.2569, 0.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 247, 184) }
```

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

```
.background{ background-color: rgb(67, 247,  
184) }
```

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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