

Converting Colors

Yxy(71.3544, 0.2568, 0.3148)

Have a look what the booklet for
Yxy(71.3544, 0.2568, 0.3148)
contains.

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Color

Yxy(71.3544, 0.2568, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	96E9F5
RGB	150, 233, 245
RGB Percent	59%, 91%, 96%
CMY	0.4115, 0.0863, 0.0391
CMYK	0.39, 0.05, 0.00, 0.04
HSL	188°, 83%, 77%
HSV	188°, 39%, 96%
XYZ	58.2078, 71.3544, 97.1036
YIQ	209.5510, -53.3200, -13.8640

Conversions

Conversions Part 2

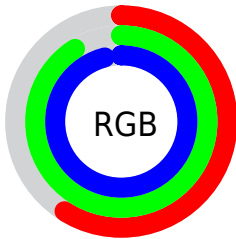
Format	Color
R_{YB}	150, 194, 245
Decimal	9890293
CIE _{Lab}	87.66, -22.19, -13.79
CIE _{LCh}	88, 26.129, 211.859
Y _{xy}	71.3544, 0.2568, 0.3148
Android (android.graphics.Color)	4288080373 (0xFF96E9F5)
Y _{UV}	209.5510, 17.4764, -52.2262
Hunter-Lab	84.4715, -24.8241, -9.0263

Details

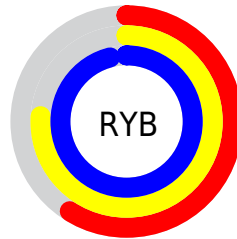
The Yxy color **71.3544, 0.2568, 0.3148** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.4906, 0.4046, 0.3424**, and the grayscale version is **64.0593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **37.4456, 0.2438, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **67.5283, 0.2451, 0.3106**, and if you desaturate by 10%, it is **75.7030, 0.2699, 0.3188**.

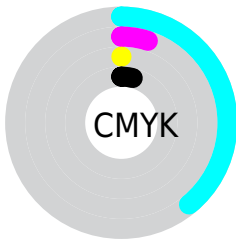
Distribution



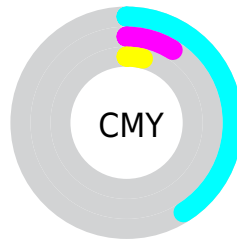
- Red (59%)
- Green (91%)
- Blue (96%)



- Red (59%)
- Yellow (76%)
- Blue (96%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (41%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3544, 0.2568, 0.3148 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 71.3544, 0.2568, 0.3148 by changing the saturation by 10% instead.

 71.3544, 0.2568,
0.3148


 71.3544, 0.2568,
0.3148


465.2914, 0.2822,
0.3220

 52.6315, 0.2511,
0.3130


 121.1382, 0.2655,
0.3174

 37.5086, 0.2441,
0.3108


 152.9679, 0.2690,
0.3184

 25.6016, 0.2354,
0.3079


189.9352, 0.2719,
0.3192

 16.5258, 0.2242,
0.3039

232.4247, 0.2745,
0.3199

 9.8970, 0.2094,
0.2981

280.8207, 0.2768,
0.3205

 5.3307, 0.1887,
0.2894

335.5075, 0.2788,

 2.4426, 0.1586,

0.3211

0.2746

396.8696, 0.2806,
0.3215

0.8477, 0.0794,
0.2550

0.0000, 0.0000,
0.0000

71.3544, 0.2568,
0.3148

71.3544, 0.2568,
0.3148

67.5283, 0.2451,
0.3106

75.7030, 0.2699,
0.3188

64.1855, 0.2350,
0.3062

80.5937, 0.2842,
0.3226

61.2949, 0.2268,
0.3017

86.0553, 0.2992,
0.3262

58.8175, 0.2205,
0.2972

92.1119, 0.3147,
0.3294

■ 56.7073, 0.2162,
0.2927

■ 95.3002, 0.3189,
0.3324

■ 54.8971, 0.2136,
0.2883

■ 97.2291, 0.3187,
0.3353

■ 54.6816, 0.2133,
0.2878

■ 99.1899, 0.3185,
0.3383

■ 99.3736, 0.3185,
0.3386

Harmonies

Analogous

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



71.3544, 0.2738, 0.3451



71.3544, 0.2568, 0.3148



71.3544, 0.2540, 0.2907

Triad

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



71.3544, 0.2568, 0.3148



71.3544, 0.3217, 0.2911



71.3544, 0.3603, 0.3813

Complementary

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



71.3544, 0.2568, 0.3148



47.4906, 0.4046, 0.3424

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.



71.3544, 0.3749, 0.3635



71.3544, 0.2568, 0.3148



71.3544, 0.3522, 0.3125

Square

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



71.3544, 0.2568, 0.3148



71.3544, 0.2902, 0.2787



71.3544, 0.3720, 0.3384



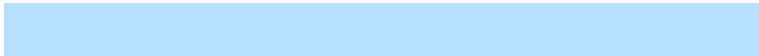
71.3544, 0.3332, 0.3851

Rectangle

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



71.3544, 0.2568, 0.3148



71.3544, 0.2604, 0.2809



71.3544, 0.3720, 0.3384



71.3544, 0.3669, 0.3766

Sweetspot

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



71.3572, 0.2568, 0.3148



92.2038, 0.2942, 0.3250



74.3833, 0.3014, 0.4337



19.5659, 0.2922, 0.3246



0.0000, 0.0000, 0.0000



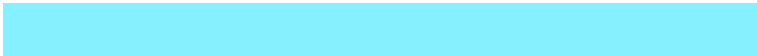
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3572, 0.2568, 0.3148



74.5994, 0.2469, 0.3113



48.3960, 0.2480, 0.2569



18.3787, 0.2981, 0.3259



29.5961, 0.2135, 0.2885



2.6993, 0.2150, 0.2940

Inverse Universe

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



47.1307, 0.3275, 0.2439



44.9106, 0.3314, 0.2268



67.0331, 0.3847, 0.3914



16.7301, 0.3157, 0.3086



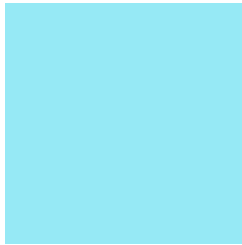
13.0871, 0.3557, 0.1733



1.1601, 0.3507, 0.1706

Previews

White Background



This preview shows how the Yxy color 71.3544, 0.2568, 0.3148 looks on a white background.

Color Contrast Check

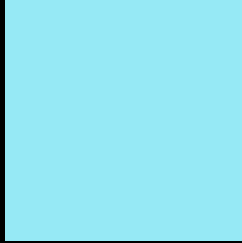
Large Text (above 18pt) WCAG AA × Fail

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 71.3544, 0.2568, 0.3148 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 71.3544, 0.2568, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 71.3544, 0.2568, 0.3148.

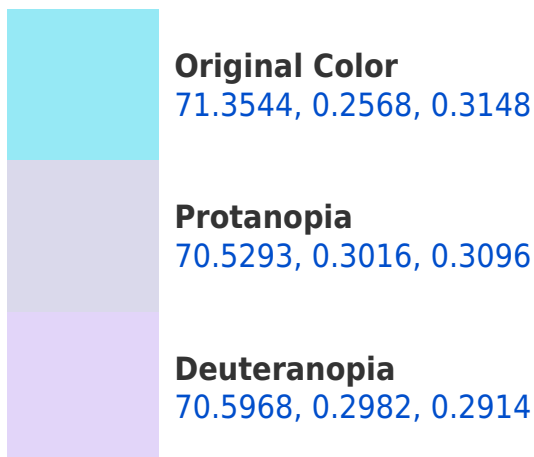


This preview shows how white text looks on a background with the Yxy color 71.3544, 0.2568, 0.3148.

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





Tritanopia

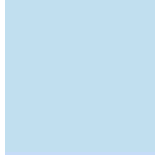
71.3537, 0.2547, 0.3069

Trichromacy



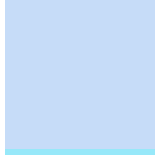
Original Color

71.3544, 0.2568, 0.3148



Protanomaly

70.3448, 0.2828, 0.3110



Deuteranomaly

69.9695, 0.2805, 0.2982



Tritanomaly

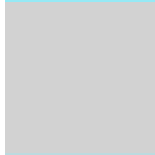
71.1321, 0.2552, 0.3091

Monochromacy



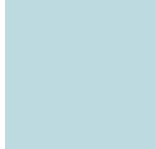
Original Color

71.3544, 0.2568, 0.3148



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

66.1619, 0.2888, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3544, 0.2568, 0.3148 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(150, 233, 245)` looks like.

```
.text, #text, p{  
    color:rgb(150, 233, 245)  
}
```

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(150, 233, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 233, 245) }
```

Border

The CSS property to change the border of an element to Yxy 71.3544, 0.2568, 0.3148 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(150, 233, 245) }
```

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

```
.border{ border-color:rgb(150, 233, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 233, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 233, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 233, 245);  
box-shadow:4px 4px 4px 4px rgb(150, 233,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3544, 0.2568, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 233, 245) }
```

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

```
.background{ background-color: rgb(150,  
233, 245) }
```

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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