

Converting Colors

$Yxy(75.5455, 0.2223, 0.2889)$

Have a look what the booklet for
Yxy(75.5455, 0.2223, 0.2889)
contains.

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Color

Yxy(73.7152, 0.2307, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	52F4FF
RGB	82, 244, 255
RGB Percent	32%, 96%, 100%
CMY	0.6779, 0.0431, 0.0001
CMYK	0.68, 0.04, 0.00, 0.00
HSL	184°, 100%, 66%
HSV	184°, 68%, 100%
XYZ	53.8850, 73.7152, 105.9714
YIQ	196.8160, -100.0830, -30.9230

Conversions

Conversions Part 2

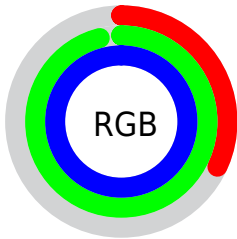
Format	Color
R _Y B	82, 166, 255
Decimal	5436671
CIE Lab	88.79, -37.85, -17.53
CIE LCh	89, 41.713, 204.855
Yxy	73.7152, 0.2307, 0.3156
Android (android.graphics.Color)	4283626751 (0xFF52F4FF)
YUV	196.8160, 28.6847, -100.6936
Hunter-Lab	85.8576, -38.2225, -13.0796

Details

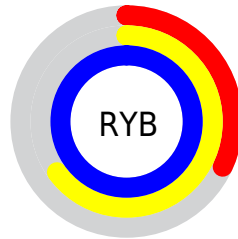
The Yxy color **73.7152, 0.2307, 0.3156** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **29.7151, 0.5324, 0.3389**, and the grayscale version is **55.6104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3193, 0.2566, 0.3288**, and **39.6179, 0.2199, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **71.8071, 0.2251, 0.3134**, and if you desaturate by 10%, it is **76.0620, 0.2383, 0.3178**.

Distribution



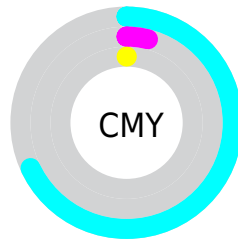
- Red (32%)
- Green (96%)
- Blue (100%)



- Red (32%)
- Yellow (65%)
- Blue (100%)



- Cyan (68%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (68%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7152, 0.2307, 0.3156 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 73.7152, 0.2307, 0.3156 by changing the saturation by 10% instead.


 73.7152, 0.2307,
0.3156

 73.7152, 0.2307,
0.3156


473.4898, 0.2673,
0.3230


 54.5610, 0.2227,
0.3137


 124.4920, 0.2431,
0.3184

 39.0503, 0.2130,
0.3111


 156.8834, 0.2480,
0.3194

 26.7989, 0.2011,
0.3077


 194.4559, 0.2523,
0.3203

 17.4222, 0.1861,
0.3030

 237.5940, 0.2560,
0.3210

 10.5360, 0.1666,
0.2961

286.6820, 0.2594,
0.3216

 5.7558, 0.1409,
0.2853

342.1044, 0.2623,

 2.6971, 0.1060,

0.3221

0.2669

404.2456, 0.2649,
0.3226

■ 0.9757, 0.0002,
0.2466

■ 0.0000, 0.0000,
0.0000

■ 73.7152, 0.2307,
0.3156

■ 73.7152, 0.2307,
0.3156

■ 71.8071, 0.2251,
0.3134

■ 76.0620, 0.2383,
0.3178

■ 70.2797, 0.2214,
0.3113

■ 78.8813, 0.2477,
0.3199

■ 69.0695, 0.2194,
0.3091

■ 82.2130, 0.2589,
0.3220

■ 68.8230, 0.2191,
0.3087

■ 86.0905, 0.2717,
0.3241

■ 90.5442, 0.2857,
0.3260

■ 95.6024, 0.3006,
0.3277

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



73.7152, 0.2603, 0.3657



73.7152, 0.2307, 0.3156



73.7152, 0.2219, 0.2750

Triad

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



73.7152, 0.2307, 0.3156



73.7152, 0.3140, 0.2656



73.7152, 0.3942, 0.4046

Complementary

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



73.7152, 0.2307, 0.3156



29.7151, 0.5324, 0.3389

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.



73.7152, 0.4125, 0.3715



73.7152, 0.2307, 0.3156



73.7152, 0.3645, 0.2945

Square

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



73.7152, 0.2307, 0.3156



73.7152, 0.2669, 0.2505



73.7152, 0.4018, 0.3320



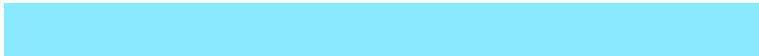
73.7152, 0.3544, 0.4198

Rectangle

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



73.7152, 0.2307, 0.3156



73.7152, 0.2280, 0.2581



73.7152, 0.4018, 0.3320



73.7152, 0.4032, 0.3949

Sweetspot

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



73.7180, 0.2307, 0.3156



89.5284, 0.2825, 0.3255



74.0541, 0.2998, 0.5399



18.8899, 0.2785, 0.3250



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.



73.7180, 0.2307, 0.3156



71.2943, 0.2237, 0.3127



34.1304, 0.2034, 0.2036



20.2722, 0.2980, 0.3274



36.0550, 0.2192, 0.3090



3.5679, 0.2199, 0.3115

Inverse Universe

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



33.8420, 0.3304, 0.1846



29.8147, 0.3338, 0.1706



53.3886, 0.4603, 0.4199



18.2793, 0.3148, 0.3070



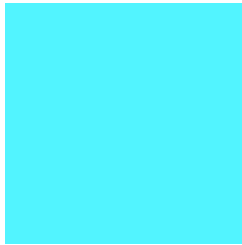
14.3677, 0.3375, 0.1633



1.4047, 0.3355, 0.1622

Previews

White Background



This preview shows how the Yxy color 73.7152, 0.2307, 0.3156 looks on a white background.

Color Contrast Check

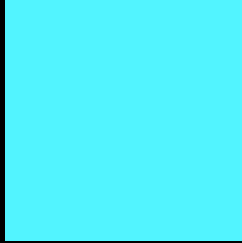
Large Text (above 18pt) WCAG AA × Fail

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 73.7152, 0.2307, 0.3156 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 73.7152, 0.2307, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 73.7152, 0.2307, 0.3156.

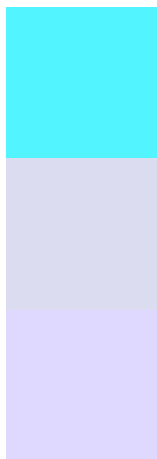


This preview shows how white text looks on a background with the Yxy color 73.7152, 0.2307, 0.3156.

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

73.7152, 0.2307, 0.3156

Protanopia

72.6933, 0.2998, 0.3077

Deuteranopia

72.5337, 0.2925, 0.2895



Tritanopia

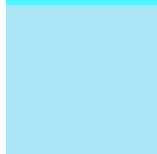
73.5422, 0.2438, 0.3102

Trichromacy



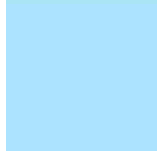
Original Color

73.7152, 0.2307, 0.3156



Protanomaly

71.1772, 0.2665, 0.3106



Deuteranomaly

70.9288, 0.2622, 0.2974



Tritanomaly

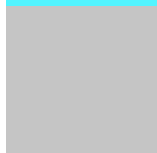
73.5101, 0.2381, 0.3123

Monochromacy



Original Color

73.7152, 0.2307, 0.3156



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

60.1237, 0.2705, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7152, 0.2307, 0.3156 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(82, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(82, 244, 255)  
}
```

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(82, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 244, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.7152, 0.2307, 0.3156 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(82, 244, 255) }
```

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

```
.border{ border-color:rgb(82, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(82, 244,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7152, 0.2307, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 244, 255) }
```

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

```
.background{ background-color: rgb(82, 244,  
255) }
```

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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