

Converting Colors

$Y_{xy}(75.2442, 0.2538, 0.3210)$

Have a look what the booklet for
Yxy(75.2442, 0.2538, 0.3210)
contains.

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Color

Yxy(75.4656, 0.2541, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	8FF1F7
RGB	143, 241, 247
RGB Percent	56%, 95%, 97%
CMY	0.4391, 0.0549, 0.0315
CMYK	0.42, 0.02, 0.00, 0.03
HSL	183°, 87%, 76%
HSV	183°, 42%, 97%
XYZ	59.5707, 75.4656, 99.4017
YIQ	212.3820, -60.3340, -18.9100

Conversions

Conversions Part 2

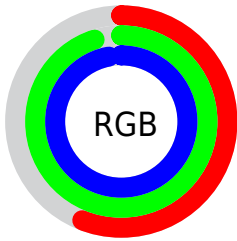
Format	Color
R_{YB}	143, 193, 247
Decimal	9433591
CIE _{Lab}	89.61, -27.33, -11.93
CIE _{LCh}	90, 29.817, 203.586
Yxy	75.4656, 0.2541, 0.3219
Android (android.graphics.Color)	4287623671 (0xFF8FF1F7)
YUV	212.3820, 17.0667, -60.8480
Hunter-Lab	86.8709, -29.6199, -7.0327

Details

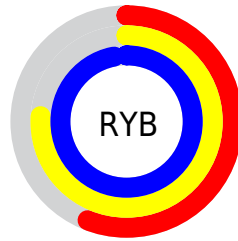
The Yxy color **75.4656, 0.2541, 0.3219** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.2471, 0.4197, 0.3358**, and the grayscale version is **66.0240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **40.3443, 0.2409, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **72.6644, 0.2437, 0.3200**, and if you desaturate by 10%, it is **78.7644, 0.2662, 0.3238**.

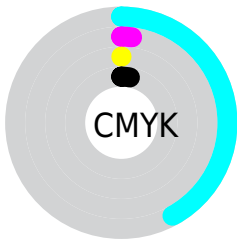
Distribution



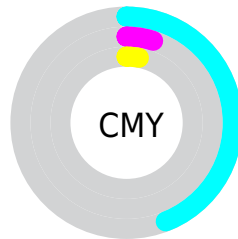
- Red (56%)
- Green (95%)
- Blue (97%)



- Red (56%)
- Yellow (76%)
- Blue (97%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)





- Cyan (44%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4656, 0.2541, 0.3219 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 75.4656, 0.2541, 0.3219 by changing the saturation by 10% instead.


 75.4656, 0.2541,
0.3219

 75.4656, 0.2541,
0.3219


479.5164, 0.2805,
0.3258

 55.9944, 0.2483,
0.3209

 126.9712, 0.2631,
0.3234

 40.1984, 0.2411,
0.3196


 159.7744, 0.2667,
0.3239

 27.6933, 0.2323,
0.3178


197.7905, 0.2697,
0.3243

 18.0946, 0.2209,
0.3153

241.4037, 0.2724,
0.3247

 11.0179, 0.2060,
0.3116

290.9985, 0.2748,
0.3250

 6.0789, 0.1855,
0.3058

346.9593, 0.2769,

 2.8931, 0.1560,

0.3253

0.2956

409.6704, 0.2788,
0.3256

■ 1.0762, 0.0901,
0.2816

■ 0.0000, 0.0000,
0.0000

■ 75.4656, 0.2541,
0.3219

■ 75.4656, 0.2541,
0.3219

■ 72.6644, 0.2437,
0.3200

■ 78.7644, 0.2662,
0.3238

■ 70.3198, 0.2351,
0.3180


■ 82.5813, 0.2796,
0.3255


■ 68.3987, 0.2285,
0.3161

■ 86.9461, 0.2941,
0.3272


■ 66.8594, 0.2238,
0.3141

■ 91.8839, 0.3094,
0.3287


 65.6519, 0.2209,
0.3122


 95.1693, 0.3178,
0.3301

 64.8713, 0.2196,
0.3107

 96.0456, 0.3177,
0.3315

 96.9285, 0.3176,
0.3328

 97.8181, 0.3175,
0.3342

 98.7143, 0.3174,
0.3355

Harmonies

Analogous

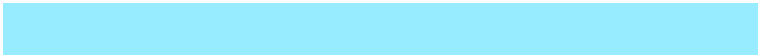
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4656, 0.2767, 0.3563



75.4656, 0.2541, 0.3219



75.4656, 0.2466, 0.2922

Triad

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



75.4656, 0.2541, 0.3219



75.4656, 0.3126, 0.2819



75.4656, 0.3721, 0.3831

Complementary

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



75.4656, 0.2541, 0.3219



43.2471, 0.4197, 0.3358

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.



75.4656, 0.3836, 0.3599



75.4656, 0.2541, 0.3219



75.4656, 0.3482, 0.3032

Square

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



75.4656, 0.2541, 0.3219



75.4656, 0.2789, 0.2715



75.4656, 0.3748, 0.3311



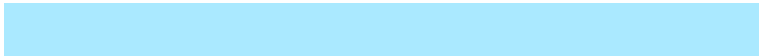
75.4656, 0.3447, 0.3927

Rectangle

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



75.4656, 0.2541, 0.3219



75.4656, 0.2506, 0.2789



75.4656, 0.3748, 0.3311



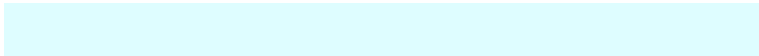
75.4656, 0.3780, 0.3765

Sweetspot

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



75.4685, 0.2541, 0.3219



93.0368, 0.2927, 0.3270



74.4938, 0.3040, 0.4534



19.6831, 0.2895, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

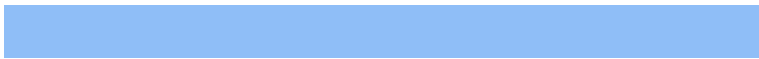
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4685, 0.2541, 0.3219



78.4214, 0.2447, 0.3202



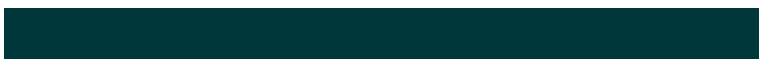
49.2968, 0.2436, 0.2583



18.5851, 0.2981, 0.3276



34.3891, 0.2197, 0.3110



3.0712, 0.2204, 0.3134

Inverse Universe

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



45.7728, 0.3227, 0.2306



42.6626, 0.3251, 0.2119



63.1537, 0.3952, 0.3899



16.7509, 0.3147, 0.3070



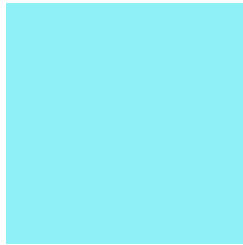
13.5710, 0.3359, 0.1624



1.1977, 0.3338, 0.1613

Previews

White Background



This preview shows how the Yxy color 75.4656, 0.2541, 0.3219 looks on a white background.

Color Contrast Check

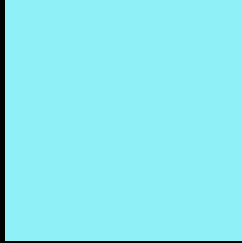
Large Text (above 18pt) WCAG AA × Fail

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 75.4656, 0.2541, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

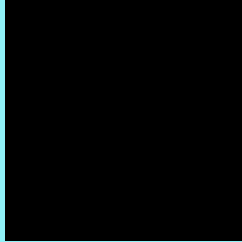
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4656, 0.2541, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 75.4656, 0.2541, 0.3219.

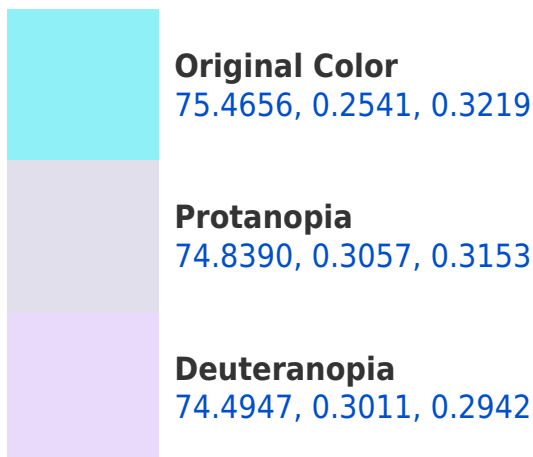


This preview shows how white text looks on a background with the Yxy color 75.4656, 0.2541, 0.3219.

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

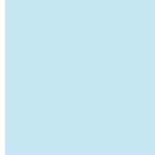
75.5372, 0.2563, 0.3096

Trichromacy



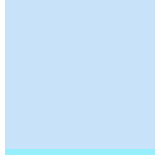
Original Color

75.4656, 0.2541, 0.3219



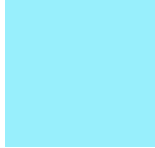
Protanomaly

74.4870, 0.2839, 0.3179



Deuteranomaly

73.5742, 0.2811, 0.3029



Tritanomaly

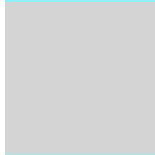
75.4367, 0.2555, 0.3140

Monochromacy



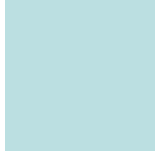
Original Color

75.4656, 0.2541, 0.3219



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.7764, 0.2872, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4656, 0.2541, 0.3219 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(143, 241, 247)` looks like.

```
.text, #text, p{  
    color:rgb(143, 241, 247)  
}
```

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(143, 241, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 241, 247) }
```

Border

The CSS property to change the border of an element to Yxy 75.4656, 0.2541, 0.3219 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(143, 241, 247) }
```

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

```
.border{ border-color:rgb(143, 241, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 241, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 241, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 241, 247);  
box-shadow:4px 4px 4px 4px rgb(143, 241,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4656, 0.2541, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 241, 247) }
```

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

```
.background{ background-color: rgb(143,  
241, 247) }
```

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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