

Converting Colors

$Yxy(76.2416, 0.2518, 0.3129)$

Have a look what the booklet for
Yxy(76.2416, 0.2518, 0.3129)
contains.

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Color

Yxy(76.2416, 0.2518, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	92F1FF
RGB	146, 241, 255
RGB Percent	57%, 95%, 100%
CMY	0.4275, 0.0549, 0.0001
CMYK	0.43, 0.05, 0.00, 0.00
HSL	188°, 100%, 79%
HSV	188°, 43%, 100%
XYZ	61.3539, 76.2416, 106.0657
YIQ	214.1910, -61.1140, -15.7860

Conversions

Conversions Part 2

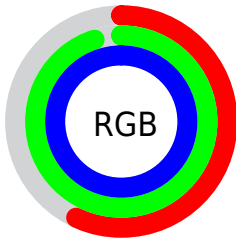
Format	Color
RYB	146, 197, 255
Decimal	9630207
CIELab	89.97, -24.65, -15.55
CIElCh	90, 29.148, 212.243
Yxy	76.2416, 0.2518, 0.3129
Android (android.graphics.Color)	4287820287 (0xFF92F1FF)
YUV	214.1910, 20.1188, -59.8035
Hunter-Lab	87.3164, -27.3787, -10.8997

Details

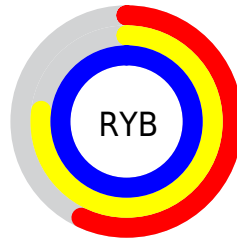
The Yxy color **76.2416, 0.2518, 0.3129** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.4559, 0.4187, 0.3440**, and the grayscale version is **67.2726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **40.8014, 0.2386, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **72.2459, 0.2407, 0.3085**, and if you desaturate by 10%, it is **80.7989, 0.2644, 0.3171**.

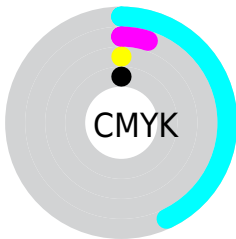
Distribution



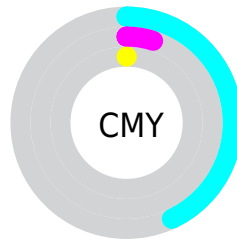
- Red (57%)
- Green (95%)
- Blue (100%)



- Red (57%)
- Yellow (77%)
- Blue (100%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2416, 0.2518, 0.3129 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 76.2416, 0.2518, 0.3129 by changing the saturation by 10% instead.


 76.2416, 0.2518,
0.3129


 76.2416, 0.2518,
0.3129


482.1743, 0.2791,
0.3209

 56.6306, 0.2458,
0.3109

 128.0684, 0.2611,
0.3158

 40.7088, 0.2385,
0.3085


 161.0530, 0.2648,
0.3169

 28.0916, 0.2294,
0.3052


199.2642, 0.2679,
0.3178

 18.3947, 0.2179,
0.3009

243.0865, 0.2707,
0.3186

 11.2337, 0.2028,
0.2948

292.9043, 0.2732,
0.3193

 6.2243, 0.1822,
0.2856

349.1019, 0.2754,

 2.9819, 0.1530,

0.3199

412.0638, 0.2773,
0.3205

0.2706

1.1223, 0.0982,
0.2462

0.0000, 0.0000,
0.0000

76.2416, 0.2518,
0.3129

76.2416, 0.2518,
0.3129

72.2459, 0.2407,
0.3085

80.7989, 0.2644,
0.3171

68.7678, 0.2313,
0.3040

85.9408, 0.2783,
0.3211

65.7705, 0.2239,
0.2995

91.6999, 0.2931,
0.3247

63.2085, 0.2184,
0.2949

98.1035, 0.3084,
0.3281

■ 61.0266, 0.2148,
0.2904

99.9982, 0.3127,
0.3290

■ 59.6224, 0.2131,
0.2872

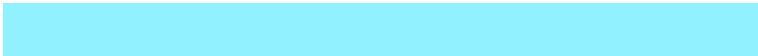
Harmonies

Analogous

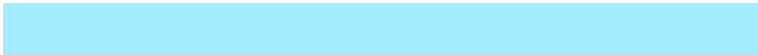
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2416, 0.2700, 0.3461



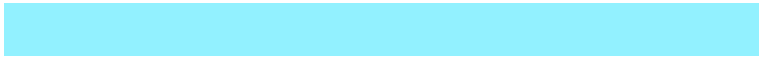
76.2416, 0.2518, 0.3129



76.2416, 0.2490, 0.2868

Triad

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



76.2416, 0.2518, 0.3129



76.2416, 0.3229, 0.2881



76.2416, 0.3642, 0.3861

Complementary

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



76.2416, 0.2518, 0.3129



48.4559, 0.4187, 0.3440

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.



76.2416, 0.3805, 0.3666



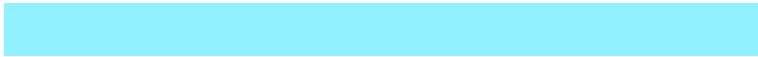
76.2416, 0.2518, 0.3129



76.2416, 0.3561, 0.3113

Square

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



76.2416, 0.2518, 0.3129



76.2416, 0.2885, 0.2745



76.2416, 0.3777, 0.3394



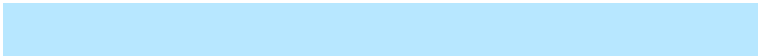
76.2416, 0.3344, 0.3904

Rectangle

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



76.2416, 0.2518, 0.3129



76.2416, 0.2560, 0.2765



76.2416, 0.3777, 0.3394



76.2416, 0.3715, 0.3809

Sweetspot

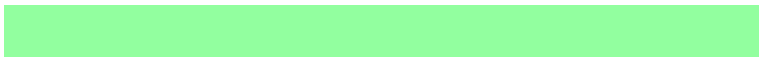
The Sweet Spot groups the original color and five complimentary colors.



76.2446, 0.2518, 0.3129



91.5658, 0.2927, 0.3246



80.1058, 0.3004, 0.4469



19.3158, 0.2894, 0.3239



0.0000, 0.0000, 0.0000



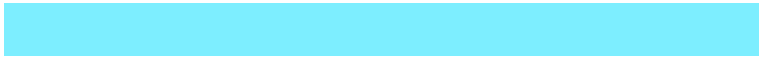
21.4041, 0.3127, 0.3290

Same Dimension

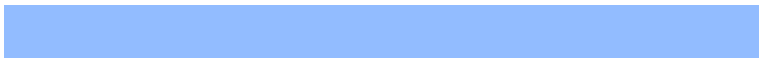
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2446, 0.2518, 0.3129



72.9218, 0.2425, 0.3093



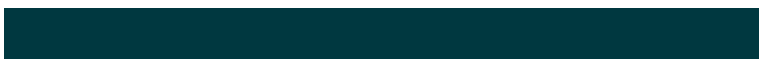
49.1957, 0.2409, 0.2477



20.0608, 0.2980, 0.3259



31.3170, 0.2133, 0.2879



3.1553, 0.2147, 0.2930

Inverse Universe

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



48.1614, 0.3295, 0.2355



42.1075, 0.3335, 0.2192



71.0173, 0.3937, 0.3979



18.2580, 0.3158, 0.3085



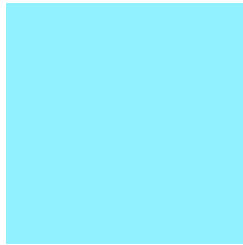
13.8894, 0.3562, 0.1736



1.3631, 0.3516, 0.1711

Previews

White Background



This preview shows how the Yxy color 76.2416, 0.2518, 0.3129 looks on a white background.

Color Contrast Check

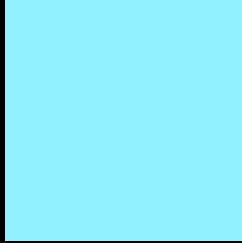
Large Text (above 18pt) WCAG AA × Fail

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 76.2416, 0.2518, 0.3129 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 76.2416, 0.2518, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 76.2416, 0.2518, 0.3129.

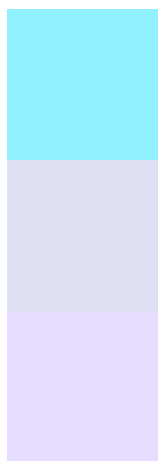


This preview shows how white text looks on a background with the Yxy color 76.2416, 0.2518, 0.3129.

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

76.2416, 0.2518, 0.3129

Protanopia

75.6903, 0.3000, 0.3080

Deuteranopia

75.2294, 0.2972, 0.2932



Tritanopia

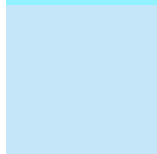
75.9461, 0.2583, 0.3097

Trichromacy



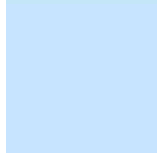
Original Color

76.2416, 0.2518, 0.3129



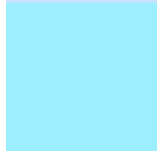
Protanomaly

75.1067, 0.2801, 0.3093



Deuteranomaly

74.8489, 0.2778, 0.2999



Tritanomaly

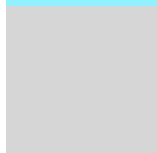
76.0209, 0.2560, 0.3108

Monochromacy



Original Color

76.2416, 0.2518, 0.3129



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.7873, 0.2862, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2416, 0.2518, 0.3129 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(146, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 241, 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(146, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 241, 255) }
```

Border

The CSS property to change the border of an element to Yxy 76.2416, 0.2518, 0.3129 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(146, 241, 255) }
```

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

```
.border{ border-color:rgb(146, 241, 255) }
```

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

Here you see how a box with a 4 pixel rgb(146, 241, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(146, 241,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2416, 0.2518, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 241, 255) }
```

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

```
.background{ background-color: rgb(146,  
241, 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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