

Converting Colors

$Y_{xy}(57.4390, 0.2440, 0.2685)$

Have a look what the booklet for
Yxy(57.4390, 0.2440, 0.2685)
contains.

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Color

Yxy(57.4736, 0.2447, 0.2706)

Conversions

Conversions Part 1

Format	Color
Hex	92CEFF
RGB	146, 206, 255
RGB Percent	57%, 81%, 100%
CMY	0.4274, 0.1921, 0.0001
CMYK	0.43, 0.19, 0.00, 0.00
HSL	207°, 100%, 79%
HSV	207°, 43%, 100%
XYZ	51.9726, 57.4736, 102.9470
YIQ	193.6460, -51.4890, 2.5190

Conversions

Conversions Part 2

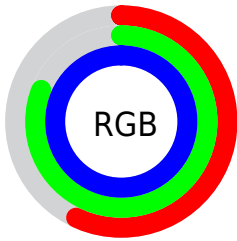
Format	Color
R _Y B	146, 185, 255
Decimal	9621247
CIE Lab	80.45, -6.85, -30.01
CIE LCh	80, 30.783, 257.152
Yxy	57.4736, 0.2447, 0.2706
Android (android.graphics.Color)	4287811327 (0xFF92CEFF)
YUV	193.6460, 30.2475, -41.7855
Hunter-Lab	75.8113, -10.2988, -27.4441

Details

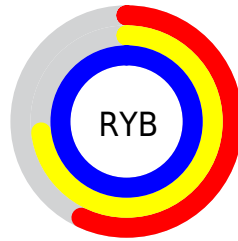
The Yxy color **57.4736, 0.2447, 0.2706** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.3527, 0.4019, 0.3801**, and the grayscale version is **53.5706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **28.6575, 0.2284, 0.2563** is the 20% darker color. If you saturate the color by 10%, you get **50.0758, 0.2296, 0.2539**, and if you desaturate by 10%, it is **65.7991, 0.2606, 0.2863**.

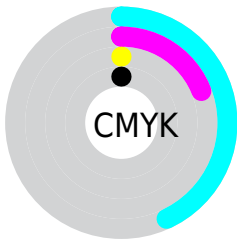
Distribution



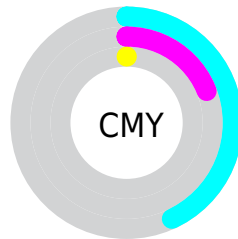
- Red (57%)
- Green (81%)
- Blue (100%)



- Red (57%)
- Yellow (73%)
- Blue (100%)



- Cyan (43%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)




- Cyan (43%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4736, 0.2447, 0.2706 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 57.4736, 0.2447, 0.2706 by changing the saturation by 10% instead.


 57.4736, 0.2447,
0.2706


 57.4736, 0.2447,
0.2706


415.2216, 0.2766,
0.2985

 41.3856, 0.2374,
0.2641


 101.1559, 0.2558,
0.2804

 28.6205, 0.2284,
0.2559


 129.5190, 0.2601,
0.2842

 18.7939, 0.2171,
0.2456


162.7426, 0.2638,
0.2875

 11.5215, 0.2024,
0.2320

201.2110, 0.2670,
0.2903

 6.4187, 0.1827,
0.2134

245.3088, 0.2698,
0.2927

 3.1013, 0.1556,
0.1871

295.4202, 0.2723,

 1.1849, 0.1169,

0.2949

0.1481

351.9297, 0.2746,
0.2968

0.0493, 0.0000,
0.0179

0.0000, 0.0000,
0.0000

57.4736, 0.2447,
0.2706

57.4736, 0.2447,
0.2706

50.0758, 0.2296,
0.2539

65.7991, 0.2606,
0.2863

43.5555, 0.2157,
0.2365

75.0859, 0.2767,
0.3008

37.8669, 0.2034,
0.2187

85.3733, 0.2928,
0.3140

32.9553, 0.1933,
0.2010

96.6965, 0.3085,
0.3260

■ 28.7561, 0.1855,
0.1839

99.9989, 0.3127,
0.3290

■ 26.0901, 0.1811,
0.1719

Harmonies

Analogous

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



57.4736, 0.2388, 0.2933



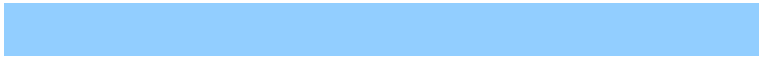
57.4736, 0.2447, 0.2706



57.4736, 0.2676, 0.2639

Triad

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



57.4736, 0.2447, 0.2706



57.4736, 0.3780, 0.3240



57.4736, 0.3176, 0.3951

Complementary

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



57.4736, 0.2447, 0.2706



62.3527, 0.4019, 0.3801

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.



57.4736, 0.3563, 0.4005



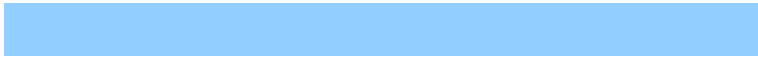
57.4736, 0.2447, 0.2706



57.4736, 0.3928, 0.3566

Square

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



57.4736, 0.2447, 0.2706



57.4736, 0.3445, 0.2941



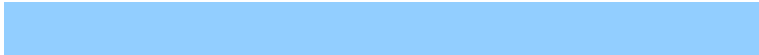
57.4736, 0.3843, 0.3850



57.4736, 0.2792, 0.3678

Rectangle

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



57.4736, 0.2447, 0.2706



57.4736, 0.2906, 0.2682



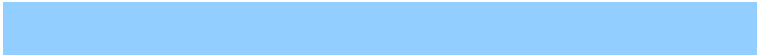
57.4736, 0.3843, 0.3850



57.4736, 0.3310, 0.3995

Sweetspot

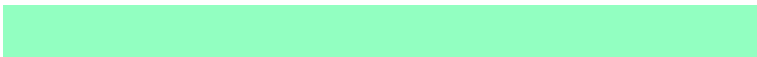
The Sweet Spot groups the original color and five complimentary colors.



57.4758, 0.2447, 0.2706



85.1063, 0.2924, 0.3137



81.4809, 0.2834, 0.4033



17.7126, 0.2889, 0.3109



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.



57.4758, 0.2447, 0.2706



51.3069, 0.2321, 0.2569



36.2000, 0.2336, 0.2046



19.0360, 0.2979, 0.3180



13.9373, 0.1819, 0.1746



1.5753, 0.1871, 0.1937

Inverse Universe

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



46.2716, 0.3623, 0.2675



39.9254, 0.3763, 0.2564



90.2937, 0.3794, 0.4287



18.1545, 0.3207, 0.3160



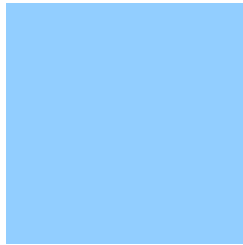
12.1349, 0.4750, 0.2390



1.2036, 0.4525, 0.2267

Previews

White Background



This preview shows how the Yxy color 57.4736, 0.2447, 0.2706 looks on a white background.

Color Contrast Check

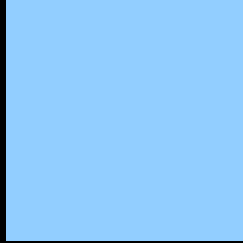
Large Text (above 18pt) WCAG AA × Fail

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 57.4736, 0.2447, 0.2706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

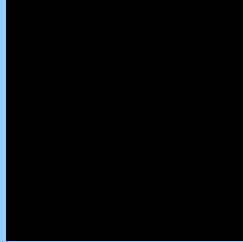
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

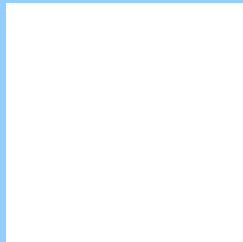
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4736, 0.2447, 0.2706

Background



This preview shows how black text looks on a background with the Yxy color 57.4736, 0.2447, 0.2706.

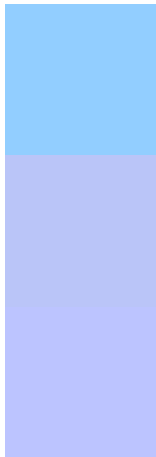


This preview shows how white text looks on a background with the Yxy color 57.4736, 0.2447, 0.2706.

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

57.4736, 0.2447, 0.2706

Protanopia

57.1489, 0.2707, 0.2707

Deuteranopia

57.3912, 0.2678, 0.2626



Tritanopia

57.5932, 0.2550, 0.3074

Trichromacy



Original Color

57.4736, 0.2447, 0.2706

Protanomaly

56.9315, 0.2598, 0.2696

Deuteranomaly

57.4128, 0.2589, 0.2657

Tritanomaly

57.4367, 0.2511, 0.2930

Monochromacy



Original Color

57.4736, 0.2447, 0.2706

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6931, 0.2845, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4736, 0.2447, 0.2706 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, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 206, 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, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 206, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.4736, 0.2447, 0.2706 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, 206, 255) }
```

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

```
.border{ border-color:rgb(146, 206, 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, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(146, 206,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4736, 0.2447, 0.2706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 206, 255) }
```

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

```
.background{ background-color: rgb(146,  
206, 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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