

Converting Colors

$Yxy(62.7764, 0.2386, 0.2474)$

Have a look what the booklet for
Yxy(62.7764, 0.2386, 0.2474)
contains.

Yxy(60.6841, 0.2524, 0.2765)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6841, 0.2524, 0.2765)

Conversions

Conversions Part 1

Format	Color
Hex	9FD2FF
RGB	159, 210, 255
RGB Percent	62%, 82%, 100%
CMY	0.3764, 0.1765, 0.0000
CMYK	0.38, 0.18, 0.00, 0.00
HSL	208°, 100%, 81%
HSV	208°, 38%, 100%
XYZ	55.3948, 60.6841, 103.3934
YIQ	199.8810, -44.8410, 3.1830

Conversions

Conversions Part 2

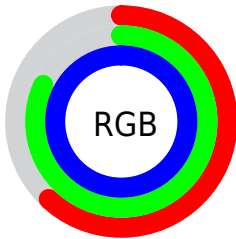
Format	Color
R_{YB}	159, 192, 255
Decimal	10474239
CIE _{Lab}	82.21, -5.66, -27.26
CIE _{LCh}	82, 27.837, 258.264
Y _{xy}	60.6841, 0.2524, 0.2765
Android (android.graphics.Color)	4288664319 (0xFF9FD2FF)
YUV	199.8810, 27.1737, -35.8526
Hunter-Lab	77.9000, -9.3934, -24.1631

Details

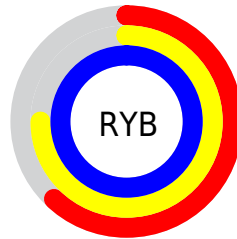
The Yxy color **60.6841, 0.2524, 0.2765** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.9490, 0.3879, 0.3759**, and the grayscale version is **57.5348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **30.7377, 0.2379, 0.2643** is the 20% darker color. If you saturate the color by 10%, you get **52.6592, 0.2366, 0.2595**, and if you desaturate by 10%, it is **69.6922, 0.2686, 0.2923**.

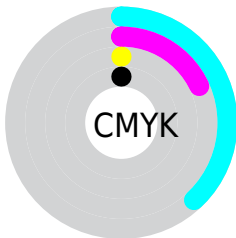
Distribution



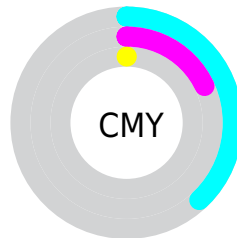
- Red (62%)
- Green (82%)
- Blue (100%)



- Red (62%)
- Yellow (75%)
- Blue (100%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6841, 0.2524, 0.2765 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 60.6841, 0.2524, 0.2765 by changing the saturation by 10% instead.

60.6841, 0.2524,
0.2765

60.6841, 0.2524,
0.2765

427.1148, 0.2805,
0.3014

43.9703, 0.2460,
0.2707

105.8214, 0.2622,
0.2852

30.6471, 0.2381,
0.2635

135.0137, 0.2660,
0.2886

20.3303, 0.2281,
0.2544

169.1342, 0.2692,
0.2915

12.6354, 0.2151,
0.2424

208.5674, 0.2721,
0.2940

7.1779, 0.1977,
0.2260

253.6977, 0.2746,
0.2962

3.5736, 0.1735,
0.2027

304.9094, 0.2768,

1.4380, 0.1382,

0.2982

0.1678

362.5870, 0.2788,
0.2999

0.2445, 0.0305,
0.0793

0.0000, 0.0000,
0.0000

60.6841, 0.2524,
0.2765

60.6841, 0.2524,
0.2765

52.6592, 0.2366,
0.2595

69.6922, 0.2686,
0.2923

45.5677, 0.2217,
0.2416

79.7161, 0.2849,
0.3068

39.3649, 0.2083,
0.2232

90.7954, 0.3009,
0.3199

33.9985, 0.1968,
0.2047

99.9995, 0.3127,
0.3290

■ 29.4084, 0.1875,
0.1865

■ 25.5180, 0.1807,
0.1691

■ 24.6780, 0.1792,
0.1652

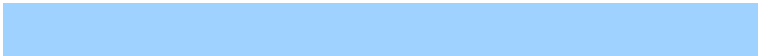
Harmonies

Analogous

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



60.6841, 0.2465, 0.2966



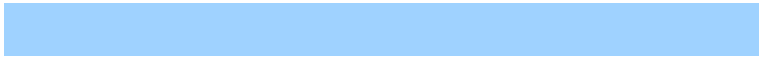
60.6841, 0.2524, 0.2765



60.6841, 0.2736, 0.2708

Triad

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



60.6841, 0.2524, 0.2765



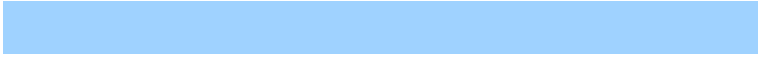
60.6841, 0.3714, 0.3258



60.6841, 0.3160, 0.3866

Complementary

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



60.6841, 0.2524, 0.2765



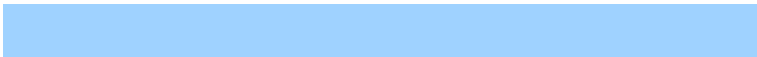
66.9490, 0.3879, 0.3759

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.



60.6841, 0.3505, 0.3926



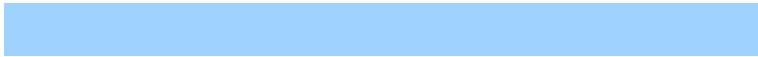
60.6841, 0.2524, 0.2765



60.6841, 0.3838, 0.3551

Square

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



60.6841, 0.2524, 0.2765



60.6841, 0.3423, 0.2987



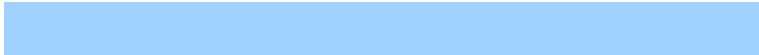
60.6841, 0.3758, 0.3799



60.6841, 0.2819, 0.3621

Rectangle

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



60.6841, 0.2524, 0.2765



60.6841, 0.2944, 0.2748



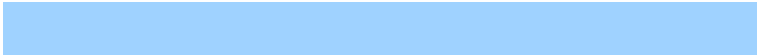
60.6841, 0.3758, 0.3799



60.6841, 0.3280, 0.3909

Sweetspot

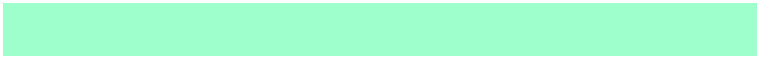
The Sweet Spot groups the original color and five complimentary colors.



60.6864, 0.2524, 0.2765



86.9589, 0.2956, 0.3157



83.2373, 0.2847, 0.3889



18.2883, 0.2934, 0.3139



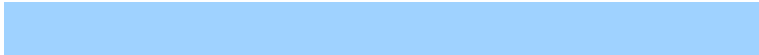
0.0000, 0.0000, 0.0000



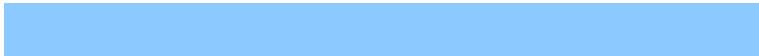
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6864, 0.2524, 0.2765



54.6894, 0.2407, 0.2641



40.5075, 0.2438, 0.2180



18.9756, 0.2979, 0.3176



13.1976, 0.1800, 0.1680



1.5038, 0.1855, 0.1876

Inverse Universe

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



50.7127, 0.3561, 0.2767



44.3163, 0.3682, 0.2666



93.2528, 0.3705, 0.4201



18.1484, 0.3210, 0.3164



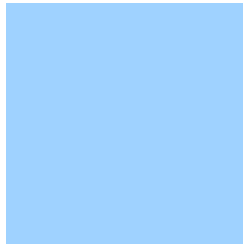
12.0603, 0.4832, 0.2435



1.1964, 0.4595, 0.2305

Previews

White Background



This preview shows how the Yxy color 60.6841, 0.2524, 0.2765 looks on a white background.

Color Contrast Check

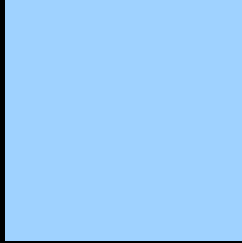
Large Text (above 18pt) WCAG AA × Fail

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 60.6841, 0.2524, 0.2765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

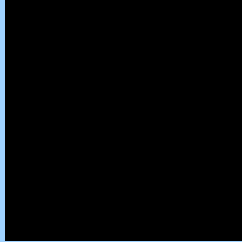
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

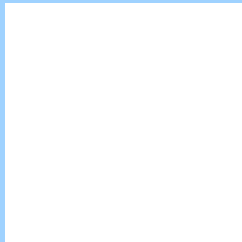
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6841, 0.2524, 0.2765

Background



This preview shows how black text looks on a background with the Yxy color 60.6841, 0.2524, 0.2765.



This preview shows how white text looks on a background with the Yxy color 60.6841, 0.2524, 0.2765.

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

60.6841, 0.2524, 0.2765

Protanopia

60.4181, 0.2753, 0.2762

Deuteranopia

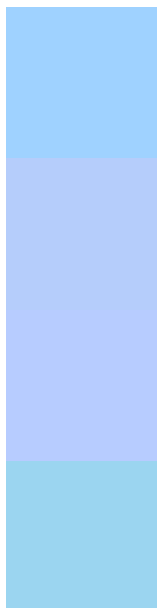
60.2643, 0.2735, 0.2682



Tritanopia

60.6350, 0.2622, 0.3081

Trichromacy



Original Color

60.6841, 0.2524, 0.2765

Protanomaly

60.4514, 0.2667, 0.2765

Deuteranomaly

60.4730, 0.2656, 0.2714

Tritanomaly

60.8483, 0.2584, 0.2964

Monochromacy



Original Color

60.6841, 0.2524, 0.2765

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.6673, 0.2879, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6841, 0.2524, 0.2765 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(159, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(159, 210, 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(159, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.6841, 0.2524, 0.2765 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(159, 210, 255) }
```

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

```
.border{ border-color:rgb(159, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(159, 210,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6841, 0.2524, 0.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 210, 255) }
```

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

```
.background{ background-color: rgb(159,  
210, 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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