

Converting Colors

$Yxy(64.0922, 0.2526, 0.2906)$

Have a look what the booklet for
Yxy(64.0922, 0.2526, 0.2906)
contains.

Yxy(63.8801, 0.2526, 0.2901)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.8801, 0.2526, 0.2901)

Conversions

Conversions Part 1

Format	Color
Hex	99DAFB
RGB	153, 218, 251
RGB Percent	60%, 85%, 98%
CMY	0.4001, 0.1451, 0.0155
CMYK	0.39, 0.13, 0.00, 0.02
HSL	200°, 93%, 79%
HSV	200°, 39%, 98%
XYZ	55.6226, 63.8801, 100.6976
YIQ	202.3270, -49.3330, -3.5170

Conversions

Conversions Part 2

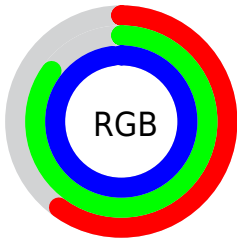
Format	Color
R _{YB}	153, 192, 251
Decimal	10083067
CIE _{Lab}	83.90, -12.39, -22.61
CIE _{LCh}	84, 25.785, 241.268
Y _{xy}	63.8801, 0.2526, 0.2901
Android (android.graphics.Color)	4288273147 (0xFF99DAFB)
Y _{UV}	202.3270, 23.9958, -43.2598
Hunter-Lab	79.9250, -15.6445, -18.7520

Details

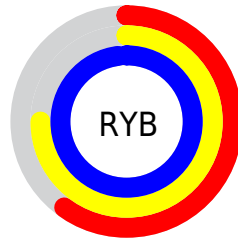
The Yxy color **63.8801, 0.2526, 0.2901** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.9418, 0.3968, 0.3643**, and the grayscale version is **59.1478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **32.6308, 0.2388, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **57.4163, 0.2385, 0.2781**, and if you desaturate by 10%, it is **71.0865, 0.2676, 0.3013**.

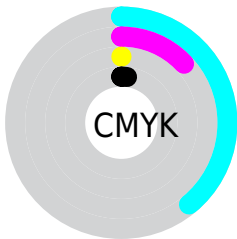
Distribution



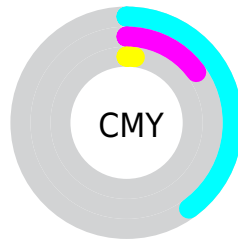
- Red (60%)
- Green (85%)
- Blue (98%)



- Red (60%)
- Yellow (75%)
- Blue (98%)



- Cyan (39%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8801, 0.2526, 0.2901 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 63.8801, 0.2526, 0.2901 by changing the saturation by 10% instead.

63.8801, 0.2526,
0.2901

63.8801, 0.2526,
0.2901

438.7565, 0.2804,
0.3088

46.5536, 0.2463,
0.2857

110.4382, 0.2622,
0.2967

32.6829, 0.2386,
0.2802

140.4386, 0.2660,
0.2992

21.8836, 0.2288,
0.2731

175.4325, 0.2692,
0.3014

13.7714, 0.2163,
0.2637

215.8041, 0.2720,
0.3033

7.9618, 0.1995,
0.2508

261.9379, 0.2745,
0.3049

4.0705, 0.1761,
0.2318

314.2183, 0.2767,

1.7131, 0.1420,

0.3064

0.2023

373.0297, 0.2786,
0.3077

0.4321, 0.0354,
0.1416

0.0000, 0.0000,
0.0000

63.8801, 0.2526,
0.2901

63.8801, 0.2526,
0.2901

57.4163, 0.2385,
0.2781

71.0865, 0.2676,
0.3013

51.6519, 0.2257,
0.2656

79.0610, 0.2830,
0.3117

46.5497, 0.2145,
0.2526

87.8366, 0.2987,
0.3212

42.0651, 0.2052,
0.2395

97.4420, 0.3142,
0.3298

■ 38.1455, 0.1981,
0.2265

■ 99.7476, 0.3150,
0.3328

■ 34.7141, 0.1928,
0.2138

■ 34.4082, 0.1924,
0.2126

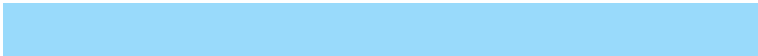
Harmonies

Analogous

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



63.8801, 0.2557, 0.3150



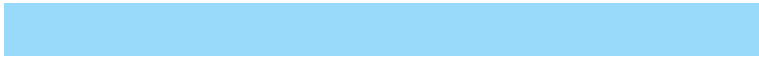
63.8801, 0.2526, 0.2901



63.8801, 0.2644, 0.2771

Triad

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



63.8801, 0.2526, 0.2901



63.8801, 0.3526, 0.3116



63.8801, 0.3342, 0.3866

Complementary

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



63.8801, 0.2526, 0.2901



57.9418, 0.3968, 0.3643

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.



63.8801, 0.3619, 0.3822



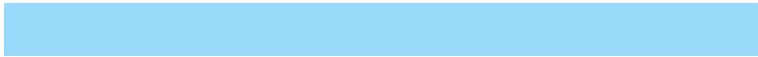
63.8801, 0.2526, 0.2901



63.8801, 0.3732, 0.3380

Square

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



63.8801, 0.2526, 0.2901



63.8801, 0.3213, 0.2899



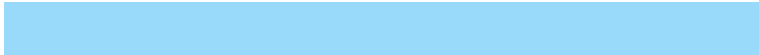
63.8801, 0.3765, 0.3638



63.8801, 0.3018, 0.3733

Rectangle

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



63.8801, 0.2526, 0.2901



63.8801, 0.2797, 0.2759



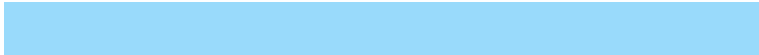
63.8801, 0.3765, 0.3638



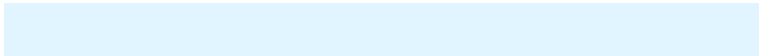
63.8801, 0.3444, 0.3871

Sweetspot

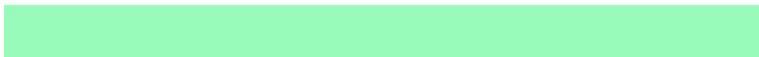
The Sweet Spot groups the original color and five complimentary colors.



63.8826, 0.2526, 0.2901



88.2490, 0.2941, 0.3185



79.3212, 0.2905, 0.4080



18.6312, 0.2920, 0.3173



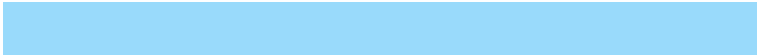
0.0000, 0.0000, 0.0000



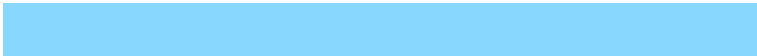
21.4041, 0.3127, 0.3290

Same Dimension

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



63.8826, 0.2526, 0.2901



60.7914, 0.2413, 0.2806



42.2350, 0.2433, 0.2294



18.5658, 0.2980, 0.3208



18.3599, 0.1930, 0.2147



1.8961, 0.1972, 0.2300

Inverse Universe

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



48.3553, 0.3460, 0.2621



43.5167, 0.3555, 0.2489



82.0595, 0.3773, 0.4119



17.4193, 0.3190, 0.3134



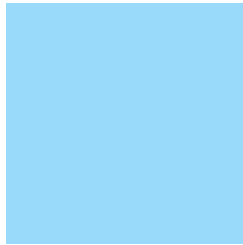
12.2643, 0.4290, 0.2137



1.1556, 0.4127, 0.2047

Previews

White Background



This preview shows how the Yxy color 63.8801, 0.2526, 0.2901 looks on a white background.

Color Contrast Check

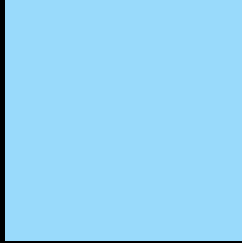
Large Text (above 18pt) WCAG AA × Fail

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 63.8801, 0.2526, 0.2901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

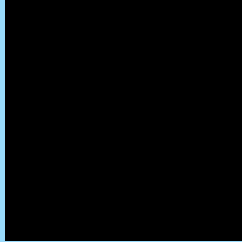
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8801, 0.2526, 0.2901

Background



This preview shows how black text looks on a background with the Yxy color 63.8801, 0.2526, 0.2901.

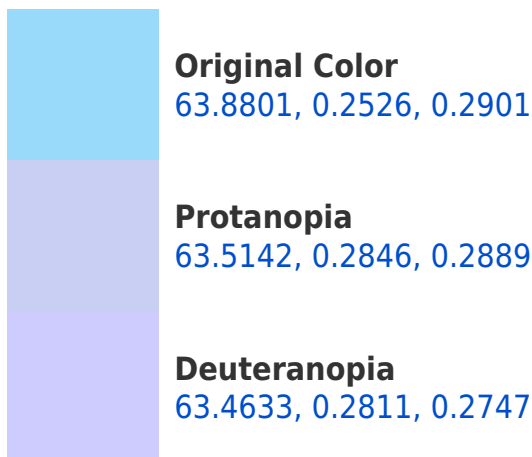


This preview shows how white text looks on a background with the Yxy color 63.8801, 0.2526, 0.2901.

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

63.8435, 0.2579, 0.3072

Trichromacy



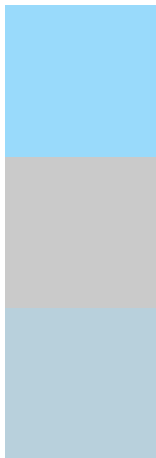
Original Color
63.8801, 0.2526, 0.2901

Protanomaly
63.4327, 0.2721, 0.2891

Deuteranomaly
63.2576, 0.2698, 0.2796

Tritanomaly
63.7134, 0.2557, 0.3002

Monochromacy



Original Color
63.8801, 0.2526, 0.2901

Achromatopsia
59.0619, 0.3127, 0.3290

Achromatomaly
60.4694, 0.2874, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8801, 0.2526, 0.2901 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(153, 218, 251)` looks like.

```
.text, #text, p{  
    color:rgb(153, 218, 251)  
}
```

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(153, 218, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 218, 251) }
```

Border

The CSS property to change the border of an element to Yxy 63.8801, 0.2526, 0.2901 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(153, 218, 251) }
```

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

```
.border{ border-color:rgb(153, 218, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 218, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 218, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 218, 251);  
box-shadow:4px 4px 4px 4px rgb(153, 218,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8801, 0.2526, 0.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 218, 251) }
```

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

```
.background{ background-color: rgb(153,  
218, 251) }
```

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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