

Converting Colors

$Yxy(57.4315, 0.2500, 0.2687)$

Have a look what the booklet for
Yxy(57.4315, 0.2500, 0.2687)
contains.

Yxy(57.5738, 0.2502, 0.2690)	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(57.5738, 0.2502, 0.2690)

Conversions

Conversions Part 1

Format	Color
Hex	9DCCFF
RGB	157, 204, 255
RGB Percent	62%, 80%, 100%
CMY	0.3843, 0.2000, 0.0000
CMYK	0.38, 0.20, 0.00, 0.00
HSL	211°, 100%, 81%
HSV	211°, 38%, 100%
XYZ	53.5501, 57.5738, 102.9051
YIQ	195.7610, -44.3830, 5.8970

Conversions

Conversions Part 2

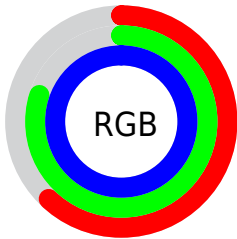
Format	Color
R_{YB}	157, 189, 255
Decimal	10341631
CIE _{Lab}	80.50, -2.99, -29.89
CIE _{LCh}	81, 30.039, 264.285
Yxy	57.5738, 0.2502, 0.2690
Android (android.graphics.Color)	4288531711 (0xFF9DCCFF)
YUV	195.7610, 29.2048, -33.9934
Hunter-Lab	75.8774, -6.8101, -27.2951

Details

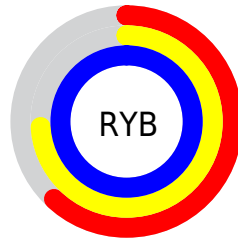
The Yxy color **57.5738, 0.2502, 0.2690** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.8137, 0.3878, 0.3819**, and the grayscale version is **54.8954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **28.6566, 0.2349, 0.2543** is the 20% darker color. If you saturate the color by 10%, you get **49.2295, 0.2338, 0.2499**, and if you desaturate by 10%, it is **66.9942, 0.2669, 0.2868**.

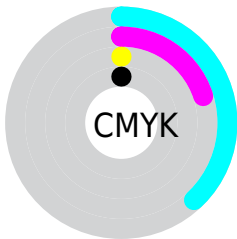
Distribution



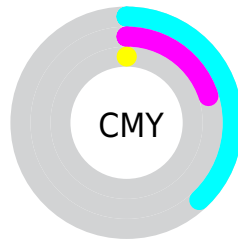
- Red (62%)
- Green (80%)
- Blue (100%)



- Red (62%)
- Yellow (74%)
- Blue (100%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)




- Cyan (38%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5738, 0.2502, 0.2690 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 57.5738, 0.2502, 0.2690 by changing the saturation by 10% instead.


 57.5738, 0.2502,
0.2690

 57.5738, 0.2502,
0.2690


415.5959, 0.2796,
0.2975

 41.4661, 0.2434,
0.2624


 101.3020, 0.2605,
0.2790

 28.6835, 0.2351,
0.2542


 129.6912, 0.2644,
0.2828

 18.8415, 0.2245,
0.2437


162.9431, 0.2679,
0.2862

 11.5558, 0.2107,
0.2301

201.4420, 0.2708,
0.2890

 6.4420, 0.1923,
0.2116

245.5724, 0.2734,
0.2915

 3.1157, 0.1664,
0.1855

295.7185, 0.2757,

 1.1924, 0.1290,

0.2938

0.1469

352.2649, 0.2778,
0.2957

0.0555, 0.0000,
0.0201

0.0000, 0.0000,
0.0000

57.5738, 0.2502,
0.2690

57.5738, 0.2502,
0.2690

49.2295, 0.2338,
0.2499

66.9942, 0.2669,
0.2868

41.9096, 0.2183,
0.2299

77.5294, 0.2835,
0.3031

35.5645, 0.2043,
0.2093

89.2219, 0.2996,
0.3178

30.1371, 0.1922,
0.1888

100.0000, 0.3127,
0.3290

■ 25.5621, 0.1825,
0.1690

■ 21.7531, 0.1754,
0.1505

■ 21.2070, 0.1744,
0.1476

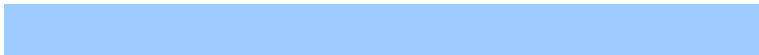
Harmonies

Analogous

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



57.5738, 0.2403, 0.2876



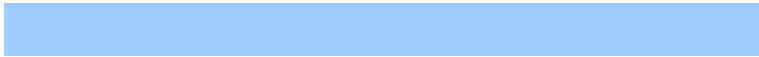
57.5738, 0.2502, 0.2690



57.5738, 0.2762, 0.2661

Triad

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



57.5738, 0.2502, 0.2690



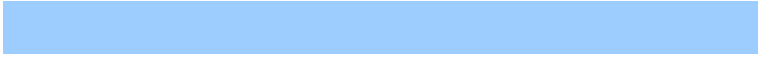
57.5738, 0.3817, 0.3317



57.5738, 0.3082, 0.3887

Complementary

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



57.5738, 0.2502, 0.2690



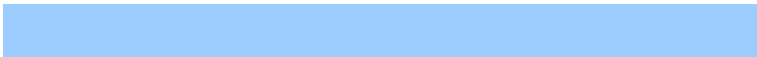
68.8137, 0.3878, 0.3819

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.



57.5738, 0.3469, 0.3995



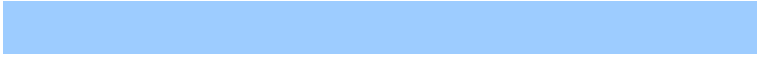
57.5738, 0.2502, 0.2690



57.5738, 0.3908, 0.3633

Square

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



57.5738, 0.2502, 0.2690



57.5738, 0.3526, 0.3013



57.5738, 0.3775, 0.3888



57.5738, 0.2723, 0.3583

Rectangle

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



57.5738, 0.2502, 0.2690



57.5738, 0.3002, 0.2725



57.5738, 0.3775, 0.3888



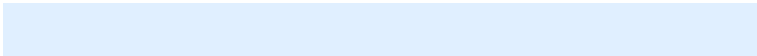
57.5738, 0.3213, 0.3948

Sweetspot

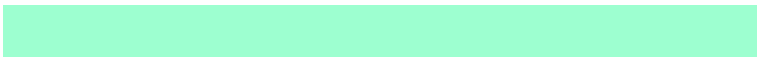
The Sweet Spot groups the original color and five complimentary colors.



57.5754, 0.2502, 0.2690



84.9071, 0.2939, 0.3127



83.2260, 0.2818, 0.3844



17.8442, 0.2918, 0.3108



0.0000, 0.0000, 0.0000



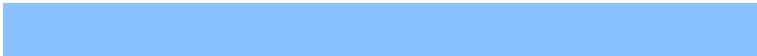
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5754, 0.2502, 0.2690



51.1578, 0.2378, 0.2547



38.6739, 0.2426, 0.2116



18.8150, 0.2979, 0.3163



11.3763, 0.1752, 0.1506



1.3249, 0.1810, 0.1717

Inverse Universe

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



49.7386, 0.3621, 0.2806



43.2437, 0.3764, 0.2712



94.9064, 0.3695, 0.4251



18.1322, 0.3219, 0.3177



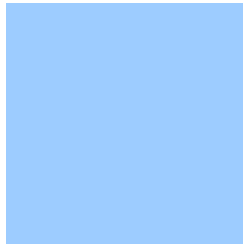
11.8764, 0.5051, 0.2556



1.1783, 0.4786, 0.2410

Previews

White Background



This preview shows how the Yxy color 57.5738, 0.2502, 0.2690 looks on a white background.

Color Contrast Check

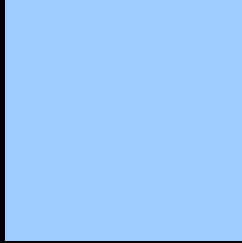
Large Text (above 18pt) WCAG AA × Fail

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 57.5738, 0.2502, 0.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

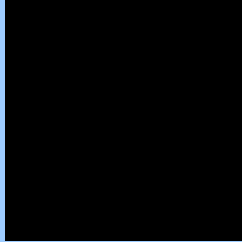
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

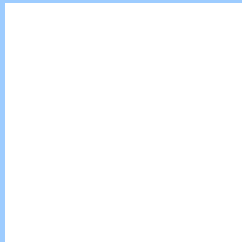
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5738, 0.2502, 0.2690

Background



This preview shows how black text looks on a background with the Yxy color 57.5738, 0.2502, 0.2690.



This preview shows how white text looks on a background with the Yxy color 57.5738, 0.2502, 0.2690.

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

57.5738, 0.2502, 0.2690

Protanopia

57.2737, 0.2695, 0.2686

Deuteranopia

57.3912, 0.2678, 0.2626



Tritanopia

57.5759, 0.2624, 0.3076

Trichromacy



Original Color

57.5738, 0.2502, 0.2690

Protanomaly

57.4508, 0.2617, 0.2690

Deuteranomaly

57.4140, 0.2612, 0.2649

Tritanomaly

57.5124, 0.2578, 0.2922

Monochromacy



Original Color

57.5738, 0.2502, 0.2690

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.8017, 0.2875, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5738, 0.2502, 0.2690 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(157, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 204, 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(157, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 204, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.5738, 0.2502, 0.2690 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(157, 204, 255) }
```

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

```
.border{ border-color:rgb(157, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(157, 204,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5738, 0.2502, 0.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 204, 255) }
```

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

```
.background{ background-color: rgb(157,  
204, 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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