

Converting Colors

$Yxy(57.8976, 0.2538, 0.2687)$

Have a look what the booklet for
Yxy(57.8976, 0.2538, 0.2687)
contains.

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Color

Yxy(57.8244, 0.2540, 0.2684)

Conversions

Conversions Part 1

Format	Color
Hex	A4CBFF
RGB	164, 203, 255
RGB Percent	64%, 80%, 100%
CMY	0.3567, 0.2039, 0.0000
CMYK	0.36, 0.20, 0.00, 0.00
HSL	214°, 100%, 82%
HSV	214°, 36%, 100%
XYZ	54.7220, 57.8244, 102.8947
YIQ	197.2670, -39.9360, 7.9040

Conversions

Conversions Part 2

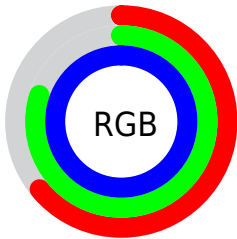
Format	Color
RYB	164, 191, 255
Decimal	10800127
CIELab	80.64, -0.60, -29.64
CIELCh	81, 29.648, 268.835
Yxy	57.8244, 0.2540, 0.2684
Android (android.graphics.Color)	4288990207 (0xFFA4CBFF)
YUV	197.2670, 28.4624, -29.1752
Hunter-Lab	76.0424, -4.6209, -26.9970

Details

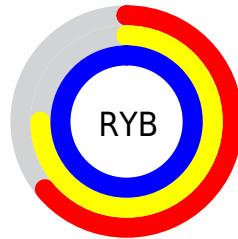
The Yxy color **57.8244, 0.2540, 0.2684** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.0738, 0.3796, 0.3826**, and the grayscale version is **55.8516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **28.8233, 0.2398, 0.2537** is the 20% darker color. If you saturate the color by 10%, you get **48.8138, 0.2369, 0.2477**, and if you desaturate by 10%, it is **68.0293, 0.2711, 0.2876**.

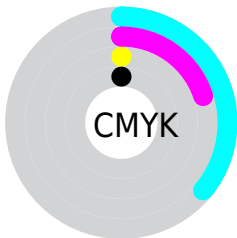
Distribution



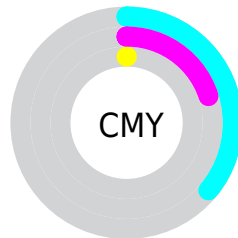
- Red (64%)
- Green (80%)
- Blue (100%)



- Red (64%)
- Yellow (75%)
- Blue (100%)



- Cyan (36%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)




- Cyan (36%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8244, 0.2540, 0.2684 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 57.8244, 0.2540, 0.2684 by changing the saturation by 10% instead.


 57.8244, 0.2540,
0.2684


 57.8244, 0.2540,
0.2684

416.5313, 0.2817,
0.2970

 41.6675, 0.2476,
0.2618


 101.6671, 0.2637,
0.2784

 28.8410, 0.2397,
0.2536

 130.1217, 0.2674,
0.2823

 18.9606, 0.2297,
0.2432


163.4443, 0.2706,
0.2856

 11.6418, 0.2166,
0.2296

202.0193, 0.2734,
0.2885

 6.5003, 0.1990,
0.2113

246.2311, 0.2759,
0.2910

 3.1516, 0.1742,
0.1854

296.4641, 0.2780,

 1.2114, 0.1379,

0.2933

0.1474

353.1027, 0.2800,
0.2953

0.0710, 0.0187,
0.0251

0.0000, 0.0000,
0.0000

57.8244, 0.2540,
0.2684

57.8244, 0.2540,
0.2684

48.8138, 0.2369,
0.2477

68.0293, 0.2711,
0.2876

40.9427, 0.2204,
0.2258

79.4712, 0.2879,
0.3051

34.1578, 0.2052,
0.2033

92.1958, 0.3040,
0.3209

28.3988, 0.1918,
0.1809

100.0000, 0.3127,
0.3290

■ 23.5975, 0.1809,
0.1593

■ 19.6728, 0.1727,
0.1394

■ 18.2034, 0.1698,
0.1313

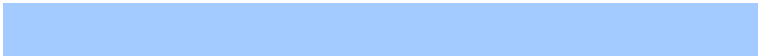
Harmonies

Analogous

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



57.8244, 0.2416, 0.2845



57.8244, 0.2540, 0.2684



57.8244, 0.2817, 0.2679

Triad

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



57.8244, 0.2540, 0.2684



57.8244, 0.3835, 0.3365



57.8244, 0.3025, 0.3843

Complementary

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



57.8244, 0.2540, 0.2684



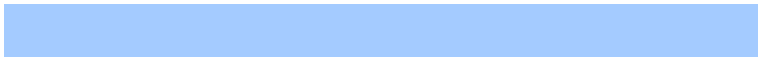
73.0738, 0.3796, 0.3826

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.



57.8244, 0.3409, 0.3983



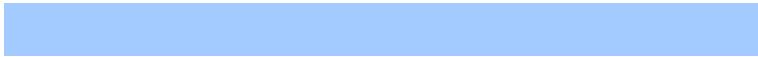
57.8244, 0.2540, 0.2684



57.8244, 0.3891, 0.3673

Square

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



57.8244, 0.2540, 0.2684



57.8244, 0.3574, 0.3059



57.8244, 0.3730, 0.3907



57.8244, 0.2683, 0.3523

Rectangle

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



57.8244, 0.2540, 0.2684



57.8244, 0.3063, 0.2755



57.8244, 0.3730, 0.3907



57.8244, 0.3153, 0.3914

Sweetspot

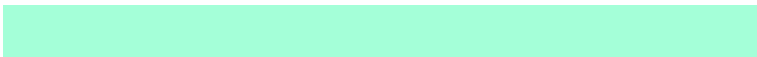
The Sweet Spot groups the original color and five complimentary colors.



57.8258, 0.2540, 0.2684



85.2545, 0.2955, 0.3127



84.3525, 0.2814, 0.3742



17.8825, 0.2933, 0.3105



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.



57.8258, 0.2540, 0.2684



51.1084, 0.2415, 0.2534



42.3406, 0.2516, 0.2222



18.6570, 0.2979, 0.3150



9.7939, 0.1707, 0.1343



1.1652, 0.1768, 0.1564

Inverse Universe

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



52.1350, 0.3617, 0.2888



45.4376, 0.3763, 0.2805



94.3295, 0.3624, 0.4195



18.1162, 0.3227, 0.3189



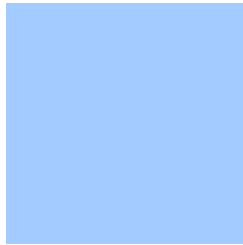
11.7167, 0.5267, 0.2675



1.1622, 0.4977, 0.2515

Previews

White Background



This preview shows how the Yxy color 57.8244, 0.2540, 0.2684 looks on a white background.

Color Contrast Check

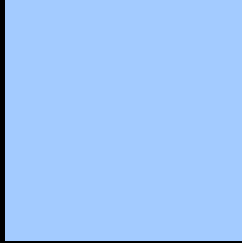
Large Text (above 18pt) WCAG AA × Fail

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 57.8244, 0.2540, 0.2684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

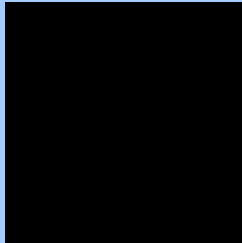
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

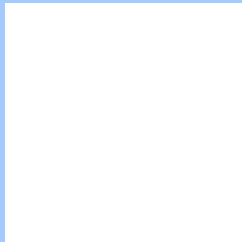
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8244, 0.2540, 0.2684

Background



This preview shows how black text looks on a background with the Yxy color 57.8244, 0.2540, 0.2684.



This preview shows how white text looks on a background with the Yxy color 57.8244, 0.2540, 0.2684.

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

57.8244, 0.2540, 0.2684

Protanopia

57.7923, 0.2691, 0.2688

Deuteranopia

57.5187, 0.2685, 0.2628



Tritanopia

57.7161, 0.2669, 0.3078

Trichromacy



Original Color

57.8244, 0.2540, 0.2684

Protanomaly

57.8018, 0.2636, 0.2693

Deuteranomaly

57.7701, 0.2631, 0.2652

Tritanomaly

57.6723, 0.2623, 0.2925

Monochromacy



Original Color

57.8244, 0.2540, 0.2684

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.2231, 0.2890, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8244, 0.2540, 0.2684 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(164, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 203, 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(164, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 203, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.8244, 0.2540, 0.2684 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(164, 203, 255) }
```

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

```
.border{ border-color:rgb(164, 203, 255) }
```

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

Here you see how a box with a 4 pixel rgb(164, 203, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 203,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8244, 0.2540, 0.2684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 203, 255) }
```

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

```
.background{ background-color: rgb(164,  
203, 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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