

Converting Colors

$Yxy(50.9688, 0.2481, 0.2587)$

Have a look what the booklet for
Yxy(50.9688, 0.2481, 0.2587)
contains.

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Color

Yxy(50.7766, 0.2480, 0.2587)

Conversions

Conversions Part 1

Format	Color
Hex	98BFF9
RGB	152, 191, 249
RGB Percent	60%, 75%, 98%
CMY	0.4038, 0.2510, 0.0237
CMYK	0.39, 0.23, 0.00, 0.02
HSL	216°, 89%, 79%
HSV	216°, 39%, 98%
XYZ	48.6764, 50.7766, 96.8229
YIQ	185.9510, -41.8620, 9.7700

Conversions

Conversions Part 2

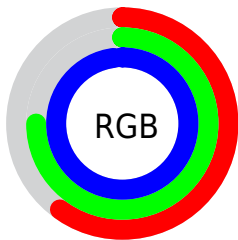
Format	Color
R _Y B	152, 180, 249
Decimal	10010617
CIE Lab	76.54, 1.14, -32.77
CIE LCh	77, 32.787, 271.992
Yxy	50.7766, 0.2480, 0.2587
Android (android.graphics.Color)	4288200697 (0xFF98BFF9)
YUV	185.9510, 31.0832, -29.7750
Hunter-Lab	71.2577, -2.7668, -30.6812

Details

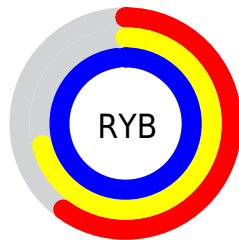
The Yxy color **50.7766, 0.2480, 0.2587** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.4838, 0.3859, 0.3900**, and the grayscale version is **48.9174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2968, 0.2850, 0.3206**, and **24.5241, 0.2320, 0.2418** is the 20% darker color. If you saturate the color by 10%, you get **42.4567, 0.2308, 0.2366**, and if you desaturate by 10%, it is **60.2644, 0.2654, 0.2794**.

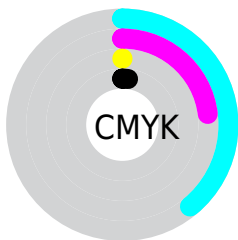
Distribution



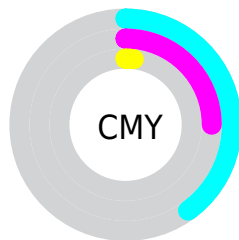
- Red (60%)
- Green (75%)
- Blue (98%)



- Red (60%)
- Yellow (71%)
- Blue (98%)



- Cyan (39%)
- Magenta (23%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7766, 0.2480, 0.2587 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 50.7766, 0.2480, 0.2587 by changing the saturation by 10% instead.

■ 50.7766, 0.2480,
0.2587

■ 50.7766, 0.2480,
0.2587

■ 389.6952, 0.2791,
0.2924

■ 36.0308, 0.2407,
0.2508

■ 91.3245, 0.2590,
0.2706

■ 24.4580, 0.2316,
0.2410

■ 117.8954, 0.2632,
0.2751

■ 15.6737, 0.2200,
0.2285

■ 149.1768, 0.2668,
0.2790

■ 9.2936, 0.2047,
0.2121

■ 185.5531, 0.2699,
0.2824

■ 4.9332, 0.1839,
0.1899

■ 227.4087, 0.2727,
0.2854

■ 2.2081, 0.1545,
0.1587

■ 275.1280, 0.2751,

■ 0.7244, 0.1112,

0.2880

0.1124

329.0954, 0.2772,
0.2903

0.0000, 0.0000,
0.0000

50.7766, 0.2480,
0.2587

50.7766, 0.2480,
0.2587

42.4567, 0.2308,
0.2366

60.2644, 0.2654,
0.2794

35.2474, 0.2142,
0.2134

70.9620, 0.2825,
0.2983

29.0947, 0.1992,
0.1899

82.9163, 0.2988,
0.3153

23.9366, 0.1862,
0.1669

96.1696, 0.3143,
0.3305

19.7024, 0.1759,
0.1452

99.6170, 0.3162,
0.3348

■ 16.2970, 0.1684,
0.1256

■ 15.9723, 0.1677,
0.1237

Harmonies

Analogous

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



50.7766, 0.2320, 0.2747



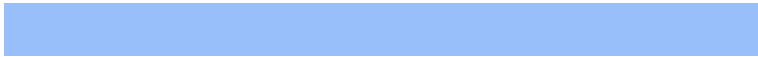
50.7766, 0.2480, 0.2587



50.7766, 0.2810, 0.2602

Triad

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



50.7766, 0.2480, 0.2587



50.7766, 0.3965, 0.3408



50.7766, 0.2960, 0.3904

Complementary

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



50.7766, 0.2480, 0.2587



68.4838, 0.3859, 0.3900

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.



50.7766, 0.3402, 0.4091



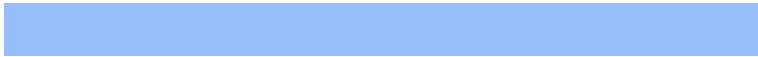
50.7766, 0.2480, 0.2587



50.7766, 0.4000, 0.3756

Square

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



50.7766, 0.2480, 0.2587



50.7766, 0.3683, 0.3058



50.7766, 0.3787, 0.4018



50.7766, 0.2581, 0.3512

Rectangle

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



50.7766, 0.2480, 0.2587



50.7766, 0.3098, 0.2700



50.7766, 0.3787, 0.4018



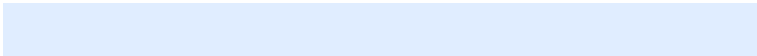
50.7766, 0.3106, 0.3995

Sweetspot

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



50.7785, 0.2480, 0.2587



83.5288, 0.2939, 0.3103



78.9859, 0.2782, 0.3771



17.5204, 0.2917, 0.3081



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.



50.7785, 0.2480, 0.2587



46.3921, 0.2339, 0.2408



36.7866, 0.2461, 0.2113



17.7886, 0.2979, 0.3144



8.8133, 0.1685, 0.1266



1.0178, 0.1750, 0.1501

Inverse Universe

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



46.3592, 0.3704, 0.2877



42.0630, 0.3885, 0.2793



88.6733, 0.3655, 0.4278



17.3409, 0.3231, 0.3195



11.3006, 0.5373, 0.2734



1.0670, 0.5058, 0.2560

Previews

White Background



This preview shows how the Yxy color 50.7766, 0.2480, 0.2587 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 50.7766, 0.2480, 0.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

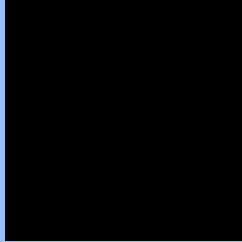
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

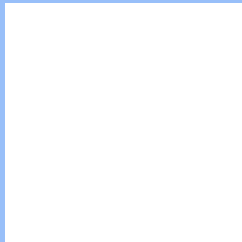
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.7766, 0.2480, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 50.7766, 0.2480, 0.2587.



This preview shows how white text looks on a background with the Yxy color 50.7766, 0.2480, 0.2587.

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

50.7766, 0.2480, 0.2587

Protanopia

50.5946, 0.2625, 0.2590

Deuteranopia

50.4843, 0.2595, 0.2527



Tritanopia

50.5762, 0.2636, 0.3078

Trichromacy



Original Color

50.7766, 0.2480, 0.2587

Protanomaly

50.6196, 0.2570, 0.2595

Deuteranomaly

50.4421, 0.2546, 0.2541

Tritanomaly

50.6322, 0.2576, 0.2892

Monochromacy



Original Color

50.7766, 0.2480, 0.2587

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.5686, 0.2864, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7766, 0.2480, 0.2587 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(152, 191, 249)` looks like.

```
.text, #text, p{  
    color:rgb(152, 191, 249)  
}
```

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(152, 191, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 191, 249) }
```

Border

The CSS property to change the border of an element to Yxy 50.7766, 0.2480, 0.2587 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(152, 191, 249) }
```

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

```
.border{ border-color:rgb(152, 191, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 191, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 191, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 191, 249);  
box-shadow:4px 4px 4px 4px rgb(152, 191,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7766, 0.2480, 0.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 191, 249) }
```

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

```
.background{ background-color: rgb(152,  
191, 249) }
```

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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