

Converting Colors

$Y_{xy}(50.5569, 0.2473, 0.2610)$

Have a look what the booklet for
Yxy(50.5569, 0.2473, 0.2610)
contains.

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Color

Yxy(50.3666, 0.2473, 0.2605)

Conversions

Conversions Part 1

Format	Color
Hex	95BFF7
RGB	149, 191, 247
RGB Percent	58%, 75%, 97%
CMY	0.4155, 0.2510, 0.0315
CMYK	0.40, 0.23, 0.00, 0.03
HSL	214°, 86%, 78%
HSV	214°, 40%, 97%
XYZ	47.8144, 50.3666, 95.1648
YIQ	184.8260, -43.0080, 8.5120

Conversions

Conversions Part 2

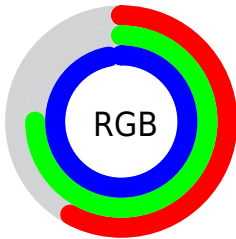
Format	Color
RYB	149, 178, 247
Decimal	9814007
CIELab	76.29, -0.16, -32.09
CIElCh	76, 32.094, 269.716
Yxy	50.3666, 0.2473, 0.2605
Android (android.graphics.Color)	4288004087 (0xFF95BFF7)
YUV	184.8260, 30.6518, -31.4194
Hunter-Lab	70.9694, -3.9352, -29.8250

Details

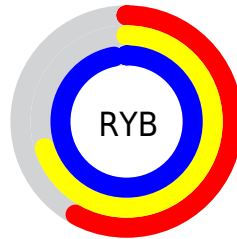
The Yxy color **50.3666, 0.2473, 0.2605** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.6044, 0.3885, 0.3885**, and the grayscale version is **48.2635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8633, 0.2833, 0.3206**, and **24.2743, 0.2312, 0.2441** is the 20% darker color. If you saturate the color by 10%, you get **42.4233, 0.2304, 0.2393**, and if you desaturate by 10%, it is **59.3995, 0.2644, 0.2803**.

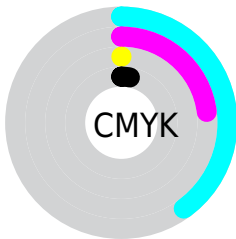
Distribution



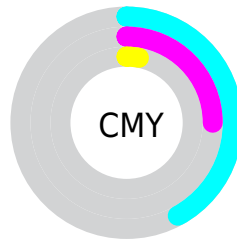
- Red (58%)
- Green (75%)
- Blue (97%)



- Red (58%)
- Yellow (70%)
- Blue (97%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)



- Cyan (42%)
- Magenta (25%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3666, 0.2473, 0.2605 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 50.3666, 0.2473, 0.2605 by changing the saturation by 10% instead.


 50.3666, 0.2473,
0.2605


 50.3666, 0.2473,
0.2605

388.0978, 0.2788,
0.2935

 35.7048, 0.2399,
0.2527


 90.7178, 0.2584,
0.2721

 24.2063, 0.2307,
0.2431


 117.1760, 0.2627,
0.2766

 15.4867, 0.2189,
0.2307


148.3351, 0.2663,
0.2804

 9.1617, 0.2034,
0.2145

184.5794, 0.2695,
0.2838

 4.8468, 0.1823,
0.1923

226.2935, 0.2722,
0.2866

 2.1576, 0.1525,
0.1610

273.8617, 0.2747,

 0.6968, 0.1074,

0.2892

0.1137

327.6683, 0.2768,
0.2915

0.0000, 0.0000,
0.0000

50.3666, 0.2473,
0.2605

50.3666, 0.2473,
0.2605

42.4233, 0.2304,
0.2393

59.3995, 0.2644,
0.2803

35.5158, 0.2144,
0.2172

69.5610, 0.2814,
0.2985

29.5936, 0.1998,
0.1946

80.8948, 0.2977,
0.3148

24.5983, 0.1873,
0.1725

93.4404, 0.3132,
0.3295

20.4630, 0.1774,
0.1515

99.4930, 0.3174,
0.3367

■ 17.0914, 0.1702,
0.1323

■ 16.9833, 0.1699,
0.1317

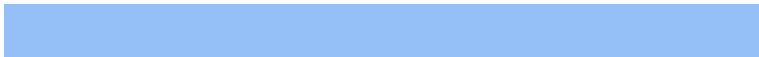
Harmonies

Analogous

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



50.3666, 0.2330, 0.2776



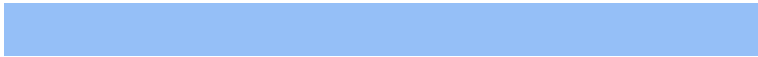
50.3666, 0.2473, 0.2605



50.3666, 0.2787, 0.2607

Triad

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



50.3666, 0.2473, 0.2605



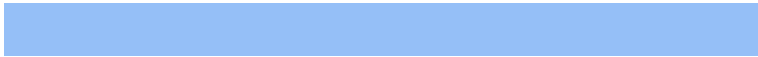
50.3666, 0.3937, 0.3380



50.3666, 0.2996, 0.3915

Complementary

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



50.3666, 0.2473, 0.2605



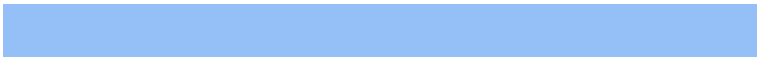
65.6044, 0.3885, 0.3885

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.



50.3666, 0.3430, 0.4078



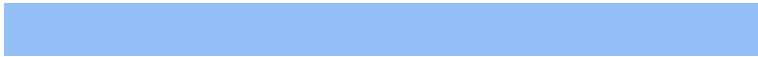
50.3666, 0.2473, 0.2605



50.3666, 0.3991, 0.3725

Square

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



50.3666, 0.2473, 0.2605



50.3666, 0.3644, 0.3038



50.3666, 0.3798, 0.3991



50.3666, 0.2615, 0.3541

Rectangle

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



50.3666, 0.2473, 0.2605



50.3666, 0.3065, 0.2696



50.3666, 0.3798, 0.3991



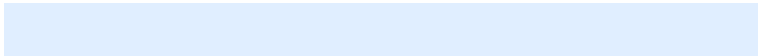
50.3666, 0.3140, 0.3998

Sweetspot

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



50.3685, 0.2473, 0.2605



83.9962, 0.2939, 0.3111



77.2767, 0.2785, 0.3801



17.6302, 0.2918, 0.3090



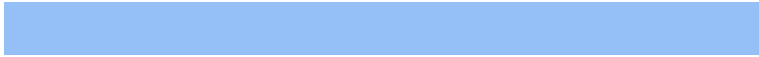
0.0000, 0.0000, 0.0000



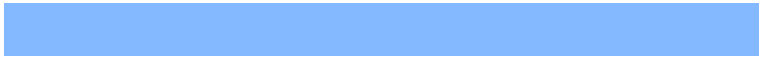
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3685, 0.2473, 0.2605



46.8909, 0.2330, 0.2427



35.2479, 0.2436, 0.2086



17.0943, 0.2980, 0.3151



9.2539, 0.1708, 0.1347



1.0130, 0.1775, 0.1590

Inverse Universe

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



45.0381, 0.3692, 0.2843



41.4304, 0.3873, 0.2751



87.2703, 0.3676, 0.4291



16.6004, 0.3226, 0.3189



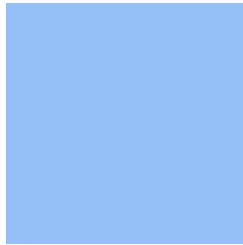
11.0336, 0.5262, 0.2672



0.9899, 0.4943, 0.2497

Previews

White Background



This preview shows how the Yxy color 50.3666, 0.2473, 0.2605 looks on a white background.

Color Contrast Check

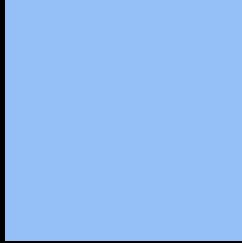
Large Text (above 18pt) WCAG AA × Fail

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 50.3666, 0.2473, 0.2605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

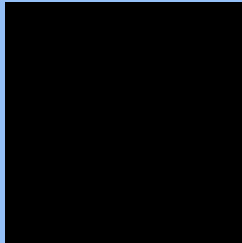
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

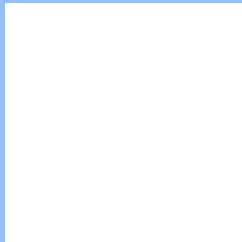
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3666, 0.2473, 0.2605

Background



This preview shows how black text looks on a background with the Yxy color 50.3666, 0.2473, 0.2605.



This preview shows how white text looks on a background with the Yxy color 50.3666, 0.2473, 0.2605.

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

50.3666, 0.2473, 0.2605

Protanopia

49.9396, 0.2629, 0.2598

Deuteranopia

50.3595, 0.2606, 0.2547



Tritanopia

50.3120, 0.2617, 0.3077

Trichromacy



Original Color

50.3666, 0.2473, 0.2605

Protanomaly

49.9648, 0.2573, 0.2602

Deuteranomaly

50.2105, 0.2551, 0.2561

Tritanomaly

50.3061, 0.2563, 0.2902

Monochromacy



Original Color

50.3666, 0.2473, 0.2605

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.8654, 0.2855, 0.3022

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3666, 0.2473, 0.2605 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(149, 191, 247)` looks like.

```
.text, #text, p{  
    color:rgb(149, 191, 247)  
}
```

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(149, 191, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 191, 247) }
```

Border

The CSS property to change the border of an element to Yxy 50.3666, 0.2473, 0.2605 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(149, 191, 247) }
```

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

```
.border{ border-color:rgb(149, 191, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 191, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 191, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 191, 247);  
box-shadow:4px 4px 4px 4px rgb(149, 191,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3666, 0.2473, 0.2605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 191, 247) }
```

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

```
.background{ background-color: rgb(149,  
191, 247) }
```

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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