

Converting Colors

$Yxy(49.9986, 0.2362, 0.2590)$

Have a look what the booklet for
Yxy(49.9986, 0.2362, 0.2590)
contains.

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Color

Yxy(50.2315, 0.2362, 0.2593)

Conversions

Conversions Part 1

Format	Color
Hex	82C2FA
RGB	130, 194, 250
RGB Percent	51%, 76%, 98%
CMY	0.4901, 0.2392, 0.0196
CMYK	0.48, 0.22, 0.00, 0.02
HSL	208°, 92%, 75%
HSV	208°, 48%, 98%
XYZ	45.7566, 50.2315, 97.7316
YIQ	181.2480, -56.1200, 3.8480

Conversions

Conversions Part 2

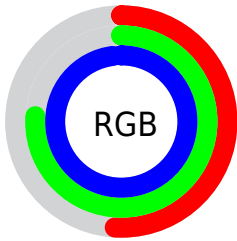
Format	Color
RYB	130, 172, 250
Decimal	8569594
CIELab	76.21, -5.59, -33.94
CIElCh	76, 34.398, 260.644
Yxy	50.2315, 0.2362, 0.2593
Android (android.graphics.Color)	4286759674 (0xFF82C2FA)
YUV	181.2480, 33.8947, -44.9445
Hunter-Lab	70.8742, -8.7897, -32.1457

Details

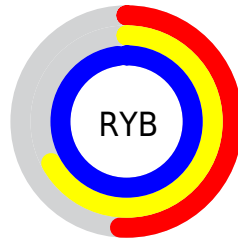
The Yxy color **50.2315, 0.2362, 0.2593** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.0723, 0.4151, 0.3882**, and the grayscale version is **46.1898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2826, 0.2736, 0.3236**, and **24.2396, 0.2175, 0.2425** is the 20% darker color. If you saturate the color by 10%, you get **43.4974, 0.2214, 0.2415**, and if you desaturate by 10%, it is **57.8576, 0.2519, 0.2762**.

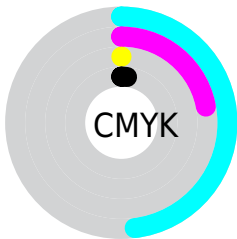
Distribution



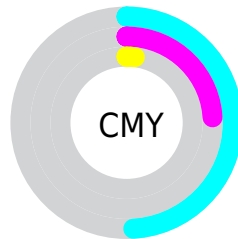
- Red (51%)
- Green (76%)
- Blue (98%)



- Red (51%)
- Yellow (67%)
- Blue (98%)



- Cyan (48%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2315, 0.2362, 0.2593 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 50.2315, 0.2362, 0.2593 by changing the saturation by 10% instead.

■ 50.2315, 0.2362,
0.2593

■ 50.2315, 0.2362,
0.2593

■ 387.5706, 0.2727,
0.2931

■ 35.5974, 0.2277,
0.2513

■ 90.5178, 0.2490,
0.2713

■ 24.1234, 0.2172,
0.2413

■ 116.9387, 0.2540,
0.2759

■ 15.4252, 0.2039,
0.2285

■ 148.0574, 0.2582,
0.2798

■ 9.1183, 0.1866,
0.2117

■ 184.2582, 0.2619,
0.2832

■ 4.8184, 0.1633,
0.1887

■ 225.9255, 0.2651,
0.2862

■ 2.1411, 0.1314,
0.1564

■ 273.4438, 0.2679,

■ 0.6876, 0.0816,

0.2888

0.1085

327.1973, 0.2704,
0.2911

0.0000, 0.0000,
0.0000

50.2315, 0.2362,
0.2593

50.2315, 0.2362,
0.2593

43.4974, 0.2214,
0.2415

57.8576, 0.2519,
0.2762

37.6051, 0.2081,
0.2231

66.4109, 0.2681,
0.2920

32.5064, 0.1966,
0.2047

75.9312, 0.2844,
0.3064

28.1439, 0.1875,
0.1866

86.4538, 0.3003,
0.3195

24.4426, 0.1807,
0.1694

98.0058, 0.3157,
0.3313

■ 23.7586, 0.1795,
0.1660

■ 99.6826, 0.3156,
0.3338

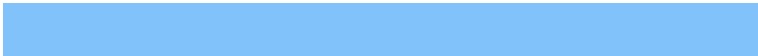
Harmonies

Analogous

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



50.2315, 0.2270, 0.2829



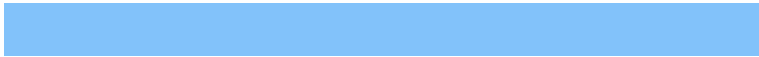
50.2315, 0.2362, 0.2593



50.2315, 0.2644, 0.2542

Triad

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



50.2315, 0.2362, 0.2593



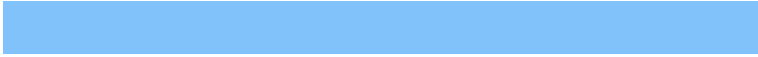
50.2315, 0.3925, 0.3269



50.2315, 0.3124, 0.4046

Complementary

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



50.2315, 0.2362, 0.2593



57.0723, 0.4151, 0.3882

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.



50.2315, 0.3581, 0.4135



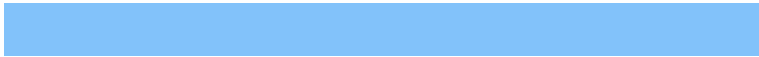
50.2315, 0.2362, 0.2593



50.2315, 0.4065, 0.3644

Square

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



50.2315, 0.2362, 0.2593



50.2315, 0.3550, 0.2921



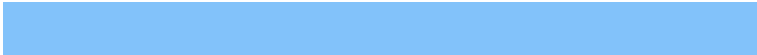
50.2315, 0.3932, 0.3967



50.2315, 0.2688, 0.3697

Rectangle

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



50.2315, 0.2362, 0.2593



50.2315, 0.2919, 0.2605



50.2315, 0.3932, 0.3967



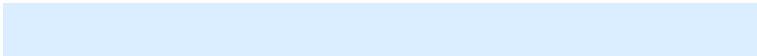
50.2315, 0.3281, 0.4108

Sweetspot

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



50.2334, 0.2362, 0.2593



83.6704, 0.2908, 0.3118



76.6699, 0.2788, 0.4090



17.4105, 0.2873, 0.3089



0.0000, 0.0000, 0.0000



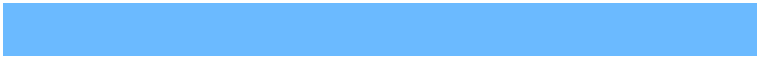
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2334, 0.2362, 0.2593



45.4509, 0.2213, 0.2414



28.7091, 0.2217, 0.1819



18.1756, 0.2980, 0.3176



12.8926, 0.1802, 0.1688



1.4064, 0.1859, 0.1893

Inverse Universe

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



40.1935, 0.3732, 0.2625



35.3395, 0.3926, 0.2506



87.8543, 0.3853, 0.4430



17.3799, 0.3210, 0.3164



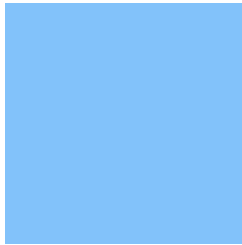
11.7124, 0.4822, 0.2430



1.1062, 0.4576, 0.2294

Previews

White Background



This preview shows how the Yxy color 50.2315, 0.2362, 0.2593 looks on a white background.

Color Contrast Check

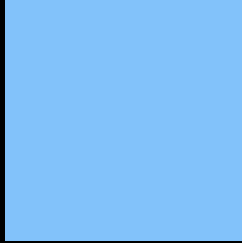
Large Text (above 18pt) WCAG AA × Fail

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 50.2315, 0.2362, 0.2593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

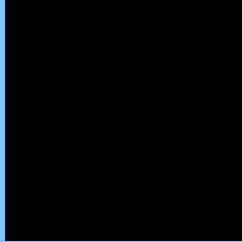
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

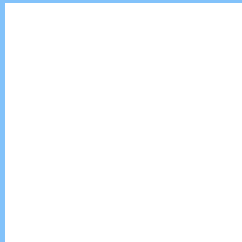
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2315, 0.2362, 0.2593

Background



This preview shows how black text looks on a background with the Yxy color 50.2315, 0.2362, 0.2593.



This preview shows how white text looks on a background with the Yxy color 50.2315, 0.2362, 0.2593.

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

50.2315, 0.2362, 0.2593

Protanopia

49.9396, 0.2629, 0.2598

Deuteranopia

49.7443, 0.2556, 0.2489



Tritanopia

50.2595, 0.2494, 0.3073

Trichromacy



Original Color

50.2315, 0.2362, 0.2593

Protanomaly

49.7884, 0.2520, 0.2586

Deuteranomaly

49.9000, 0.2481, 0.2531

Tritanomaly

50.2747, 0.2448, 0.2895

Monochromacy



Original Color

50.2315, 0.2362, 0.2593

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.2554, 0.2794, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2315, 0.2362, 0.2593 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(130, 194, 250)` looks like.

```
.text, #text, p{  
    color:rgb(130, 194, 250)  
}
```

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(130, 194, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 194, 250) }
```

Border

The CSS property to change the border of an element to Yxy 50.2315, 0.2362, 0.2593 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(130, 194, 250) }
```

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

```
.border{ border-color:rgb(130, 194, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 194, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 194, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 194, 250);  
box-shadow:4px 4px 4px 4px rgb(130, 194,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2315, 0.2362, 0.2593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 194, 250) }
```

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

```
.background{ background-color: rgb(130,  
194, 250) }
```

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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