

Converting Colors

$Yxy(51.9402, 0.2436, 0.2476)$

Have a look what the booklet for
Yxy(51.9402, 0.2436, 0.2476)
contains.

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Color

Yxy(51.3516, 0.2460, 0.2527)

Conversions

Conversions Part 1

Format	Color
Hex	9ABFFF
RGB	154, 191, 255
RGB Percent	60%, 75%, 100%
CMY	0.3965, 0.2509, 0.0001
CMYK	0.40, 0.25, 0.00, 0.00
HSL	218°, 100%, 80%
HSV	218°, 40%, 100%
XYZ	49.9901, 51.3516, 101.8700
YIQ	187.2330, -42.5960, 12.0600

Conversions

Conversions Part 2

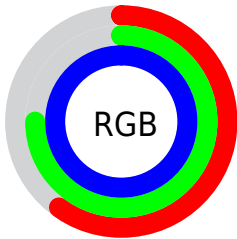
Format	Color
RYB	154, 181, 255
Decimal	10141695
CIELab	76.89, 3.21, -35.45
CIELCh	77, 35.597, 275.168
Yxy	51.3516, 0.2460, 0.2527
Android (android.graphics.Color)	4288331775 (0xFF9ABFFF)
YUV	187.2330, 33.4091, -29.1453
Hunter-Lab	71.6600, -0.8833, -34.1231

Details

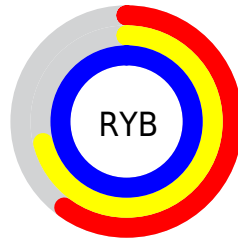
The Yxy color **51.3516, 0.2460, 0.2527** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.6533, 0.3862, 0.3945**, and the grayscale version is **49.6490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5904, 0.2862, 0.3207**, and **24.8508, 0.2292, 0.2342** is the 20% darker color. If you saturate the color by 10%, you get **42.4592, 0.2283, 0.2291**, and if you desaturate by 10%, it is **61.5542, 0.2638, 0.2748**.

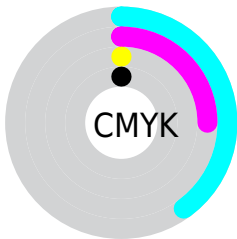
Distribution



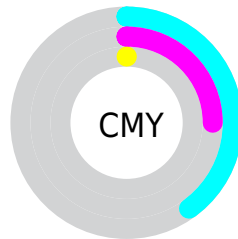
- Red (60%)
- Green (75%)
- Blue (100%)



- Red (60%)
- Yellow (71%)
- Blue (100%)



- Cyan (40%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3516, 0.2460, 0.2527 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 51.3516, 0.2460, 0.2527 by changing the saturation by 10% instead.

■ 51.3516, 0.2460,
0.2527

■ 51.3516, 0.2460,
0.2527

391.9283, 0.2780,
0.2889

■ 36.4885, 0.2385,
0.2443

■ 92.1743, 0.2573,
0.2654

■ 24.8117, 0.2292,
0.2339

■ 118.9027, 0.2616,
0.2703

■ 15.9368, 0.2174,
0.2208

150.3549, 0.2653,
0.2745

■ 9.4795, 0.2020,
0.2038

186.9155, 0.2685,
0.2782

■ 5.0552, 0.1811,
0.1810

228.9687, 0.2713,
0.2814

■ 2.2797, 0.1519,
0.1495

276.8990, 0.2738,

■ 0.7629, 0.1102,

0.2842

0.1047

331.0907, 0.2760,
0.2867

0.0000, 0.0000,
0.0000

51.3516, 0.2460,
0.2527

51.3516, 0.2460,
0.2527

42.4592, 0.2283,
0.2291

61.5542, 0.2638,
0.2748

34.8122, 0.2114,
0.2045

73.1159, 0.2811,
0.2950

28.3484, 0.1960,
0.1798

86.0902, 0.2977,
0.3133

22.9965, 0.1828,
0.1558

99.9989, 0.3127,
0.3290

18.6754, 0.1725,
0.1337

■ 15.2722, 0.1651,
0.1142

■ 15.1641, 0.1649,
0.1136

Harmonies

Analogous

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



51.3516, 0.2269, 0.2676



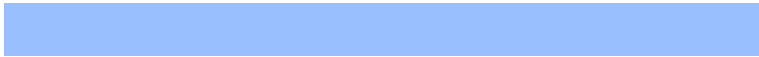
51.3516, 0.2460, 0.2527



51.3516, 0.2830, 0.2564

Triad

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



51.3516, 0.2460, 0.2527



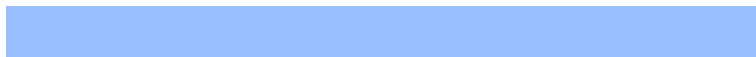
51.3516, 0.4052, 0.3454



51.3516, 0.2896, 0.3922

Complementary

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



51.3516, 0.2460, 0.2527



73.6533, 0.3862, 0.3945

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.



51.3516, 0.3371, 0.4152



51.3516, 0.2460, 0.2527



51.3516, 0.4057, 0.3824

Square

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



51.3516, 0.2460, 0.2527



51.3516, 0.3771, 0.3076



51.3516, 0.3800, 0.4095



51.3516, 0.2503, 0.3478

Rectangle

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



51.3516, 0.2460, 0.2527



51.3516, 0.3146, 0.2679



51.3516, 0.3800, 0.4095



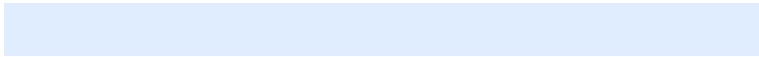
51.3516, 0.3051, 0.4029

Sweetspot

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



51.3535, 0.2460, 0.2527



82.9151, 0.2939, 0.3092



83.3397, 0.2760, 0.3741



17.3764, 0.2917, 0.3068



0.0000, 0.0000, 0.0000



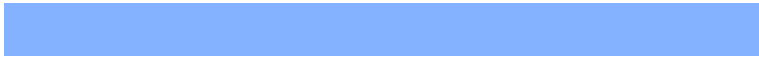
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3535, 0.2460, 0.2527



43.8400, 0.2312, 0.2331



38.3706, 0.2469, 0.2094



18.4703, 0.2979, 0.3135



8.1843, 0.1657, 0.1165



0.9968, 0.1720, 0.1390

Inverse Universe

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



48.0977, 0.3755, 0.2905



41.1224, 0.3957, 0.2827



92.9278, 0.3642, 0.4305



18.0974, 0.3236, 0.3203



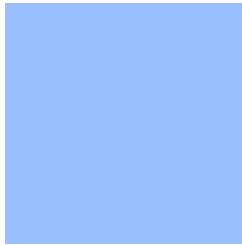
11.5542, 0.5516, 0.2812



1.1452, 0.5204, 0.2641

Previews

White Background



This preview shows how the Yxy color 51.3516, 0.2460, 0.2527 looks on a white background.

Color Contrast Check

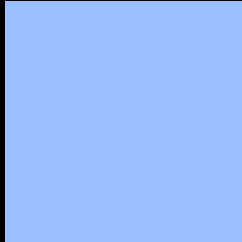
Large Text (above 18pt) WCAG AA × Fail

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 51.3516, 0.2460, 0.2527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

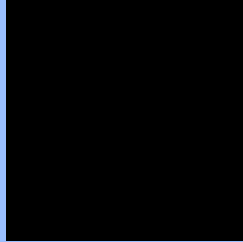
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

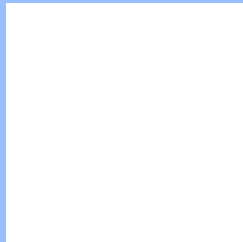
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3516, 0.2460, 0.2527

Background



This preview shows how black text looks on a background with the Yxy color 51.3516, 0.2460, 0.2527.



This preview shows how white text looks on a background with the Yxy color 51.3516, 0.2460, 0.2527.

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

51.3516, 0.2460, 0.2527

Protanopia

51.2268, 0.2573, 0.2528

Deuteranopia

51.4186, 0.2557, 0.2499



Tritanopia

51.6312, 0.2639, 0.3093

Trichromacy



Original Color

51.3516, 0.2460, 0.2527

Protanomaly

51.0576, 0.2531, 0.2523

Deuteranomaly

51.1858, 0.2521, 0.2503

Tritanomaly

51.4329, 0.2573, 0.2871

Monochromacy



Original Color

51.3516, 0.2460, 0.2527

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8339, 0.2851, 0.2988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3516, 0.2460, 0.2527 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(154, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 191, 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(154, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.3516, 0.2460, 0.2527 is called "border". The border property can be set on classes, ids or directly on the HTML element.

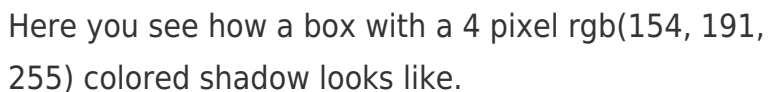
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 191, 255) }
```

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

```
.border{ border-color:rgb(154, 191, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(154, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 191, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 191, 255); box-shadow:4px 4px 4px 4px rgb(154, 191, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3516, 0.2460, 0.2527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 191, 255) }
```

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

```
.background{ background-color: rgb(154,  
191, 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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