

Converting Colors

$Yxy(51.1644, 0.2662, 0.2897)$

Have a look what the booklet for
Yxy(51.1644, 0.2662, 0.2897)
contains.

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Color

Yxy(51.3907, 0.2662, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	9FC2E1
RGB	159, 194, 225
RGB Percent	62%, 76%, 88%
CMY	0.3766, 0.2392, 0.1178
CMYK	0.29, 0.14, 0.00, 0.12
HSL	208°, 52%, 75%
HSV	208°, 29%, 88%
XYZ	47.1731, 51.3907, 78.6455
YIQ	187.0690, -30.8110, 2.2210

Conversions

Conversions Part 2

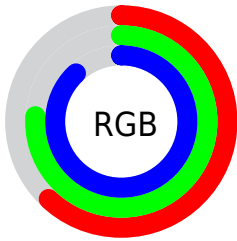
Format	Color
R _Y B	159, 182, 225
Decimal	10470113
CIE Lab	76.92, -4.62, -19.25
CIE LCh	77, 19.795, 256.493
Yxy	51.3907, 0.2662, 0.2900
Android (android.graphics.Color)	4288660193 (0xFF9FC2E1)
YUV	187.0690, 18.7000, -24.6165
Hunter-Lab	71.6873, -7.9926, -14.8638

Details

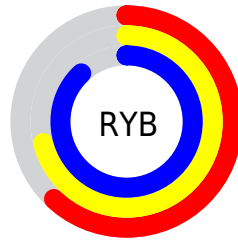
The Yxy color **51.3907, 0.2662, 0.2900** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.3031, 0.3676, 0.3650**, and the grayscale version is **49.6385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0383, 0.2886, 0.3238**, and **24.7226, 0.2539, 0.2781** is the 20% darker color. If you saturate the color by 10%, you get **44.7664, 0.2501, 0.2741**, and if you desaturate by 10%, it is **58.7713, 0.2824, 0.3046**.

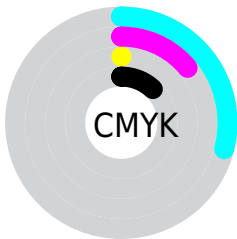
Distribution



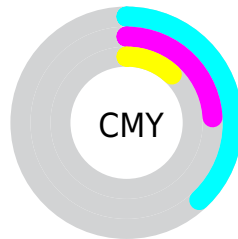
- Red (62%)
- Green (76%)
- Blue (88%)



- Red (62%)
- Yellow (71%)
- Blue (88%)



- Cyan (29%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (38%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3907, 0.2662, 0.2900 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 51.3907, 0.2662, 0.2900 by changing the saturation by 10% instead.

■ 51.3907, 0.2662,
0.2900

■ 51.3907, 0.2662,
0.2900

■ 392.0798, 0.2887,
0.3092

■ 36.5196, 0.2608,
0.2853

■ 92.2320, 0.2742,
0.2969

■ 24.8358, 0.2541,
0.2794

■ 118.9711, 0.2773,
0.2995

■ 15.9548, 0.2453,
0.2717

■ 150.4349, 0.2799,
0.3017

■ 9.4921, 0.2335,
0.2613

■ 187.0080, 0.2821,
0.3036

■ 5.0636, 0.2170,
0.2463

■ 229.0746, 0.2841,
0.3053

■ 2.2846, 0.1923,
0.2234

■ 277.0192, 0.2858,

■ 0.7655, 0.1485,

0.3067

0.1849

331.2261, 0.2874,
0.3080

0.0000, 0.0000,
0.0000

51.3907, 0.2662,
0.2900

51.3907, 0.2662,
0.2900

44.7664, 0.2501,
0.2741

58.7713, 0.2824,
0.3046

38.8625, 0.2345,
0.2571

66.9296, 0.2983,
0.3179

33.6493, 0.2199,
0.2392

75.8939, 0.3137,
0.3298

29.0915, 0.2068,
0.2209

85.6887, 0.3285,
0.3403

25.1501, 0.1956,
0.2024

93.0809, 0.3313,
0.3504

■ 21.7797, 0.1867,
0.1845

■ 98.2146, 0.3304,
0.3582

■ 18.9116, 0.1799,
0.1673

■ 18.7334, 0.1795,
0.1662

Harmonies

Analogous

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



51.3907, 0.2624, 0.3062



51.3907, 0.2662, 0.2900



51.3907, 0.2820, 0.2845

Triad

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



51.3907, 0.2662, 0.2900



51.3907, 0.3557, 0.3257



51.3907, 0.3172, 0.3723

Complementary

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



51.3907, 0.2662, 0.2900



55.3031, 0.3676, 0.3650

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.



51.3907, 0.3429, 0.3764



51.3907, 0.2662, 0.2900



51.3907, 0.3658, 0.3481

Square

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



51.3907, 0.2662, 0.2900



51.3907, 0.3336, 0.3049



51.3907, 0.3610, 0.3669



51.3907, 0.2910, 0.3550

Rectangle

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



51.3907, 0.2662, 0.2900



51.3907, 0.2976, 0.2871



51.3907, 0.3610, 0.3669



51.3907, 0.3262, 0.3753

Sweetspot

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



51.3927, 0.2662, 0.2900



89.2268, 0.2987, 0.3182



64.9109, 0.2904, 0.3734



18.7433, 0.2964, 0.3164



0.0000, 0.0000, 0.0000



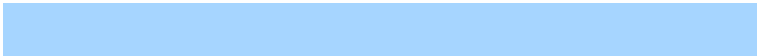
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3927, 0.2662, 0.2900



62.9561, 0.2567, 0.2808



38.3543, 0.2615, 0.2467



14.4421, 0.2981, 0.3177



11.0343, 0.1802, 0.1688



0.9437, 0.1876, 0.1954

Inverse Universe

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



44.6865, 0.3437, 0.2888



53.2525, 0.3521, 0.2804



71.1582, 0.3575, 0.3999



13.8216, 0.3209, 0.3166



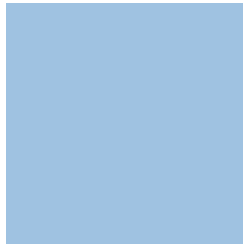
10.0220, 0.4821, 0.2430



0.7127, 0.4505, 0.2255

Previews

White Background



This preview shows how the Yxy color 51.3907, 0.2662, 0.2900 looks on a white background.

Color Contrast Check

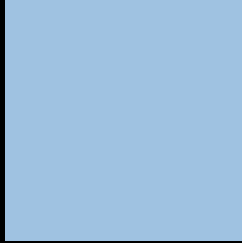
Large Text (above 18pt) WCAG AA × Fail

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 51.3907, 0.2662, 0.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

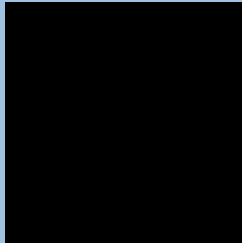
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

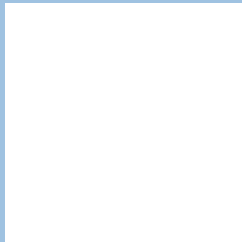
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3907, 0.2662, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 51.3907, 0.2662, 0.2900.



This preview shows how white text looks on a background with the Yxy color 51.3907, 0.2662, 0.2900.

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

51.3907, 0.2662, 0.2900

Protanopia

51.2542, 0.2849, 0.2888

Deuteranopia

51.0628, 0.2852, 0.2790



Tritanopia

51.3012, 0.2724, 0.3082

Trichromacy



Original Color

51.3907, 0.2662, 0.2900

Protanomaly

51.0995, 0.2779, 0.2895

Deuteranomaly

50.9224, 0.2780, 0.2827

Tritanomaly

51.2081, 0.2698, 0.3008

Monochromacy



Original Color

51.3907, 0.2662, 0.2900

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3911, 0.2943, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3907, 0.2662, 0.2900 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(159, 194, 225)` looks like.

```
.text, #text, p{  
    color:rgb(159, 194, 225)  
}
```

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(159, 194, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 194, 225) }
```

Border

The CSS property to change the border of an element to Yxy 51.3907, 0.2662, 0.2900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

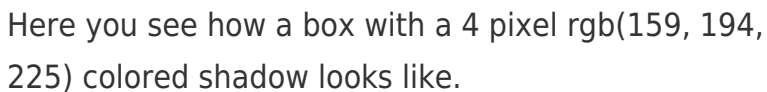
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 194, 225) }
```

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

```
.border{ border-color:rgb(159, 194, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 194, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 194, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 194, 225); box-shadow:4px 4px 4px 4px rgb(159, 194, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3907, 0.2662, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 194, 225) }
```

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

```
.background{ background-color: rgb(159,  
194, 225) }
```

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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