

Converting Colors

$Yxy(51.6477, 0.2734, 0.2891)$

Have a look what the booklet for
Yxy(51.6477, 0.2734, 0.2891)
contains.

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Color

Yxy(51.5161, 0.2733, 0.2893)

Conversions

Conversions Part 1

Format	Color
Hex	A9C0E0
RGB	169, 192, 224
RGB Percent	66%, 75%, 88%
CMY	0.3372, 0.2471, 0.1216
CMYK	0.25, 0.14, 0.00, 0.12
HSL	215°, 47%, 77%
HSV	215°, 25%, 88%
XYZ	48.6670, 51.5161, 77.8885
YIQ	188.7710, -23.9800, 5.0760

Conversions

Conversions Part 2

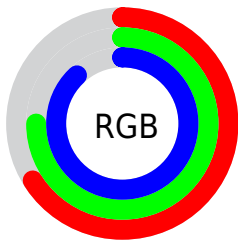
Format	Color
R _Y B	169, 185, 224
Decimal	11124960
CIE Lab	76.99, -0.81, -18.54
CIE LCh	77, 18.558, 267.487
Yxy	51.5161, 0.2733, 0.2893
Android (android.graphics.Color)	4289315040 (0xFFA9C0E0)
YUV	188.7710, 17.3679, -17.3392
Hunter-Lab	71.7747, -4.5736, -14.0980

Details

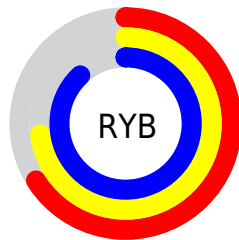
The Yxy color **51.5161, 0.2733, 0.2893** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.4837, 0.3554, 0.3657**, and the grayscale version is **50.6627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3624, 0.2945, 0.3219**, and **25.0428, 0.2629, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **43.7769, 0.2562, 0.2701**, and if you desaturate by 10%, it is **60.1906, 0.2899, 0.3068**.

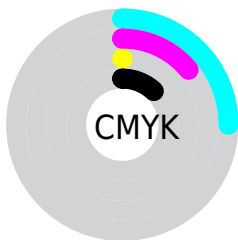
Distribution



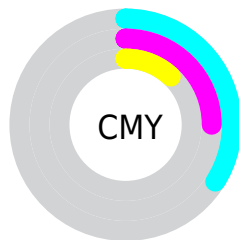
- Red (66%)
- Green (75%)
- Blue (88%)



- Red (66%)
- Yellow (73%)
- Blue (88%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (34%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5161, 0.2733, 0.2893 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 51.5161, 0.2733, 0.2893 by changing the saturation by 10% instead.

■ 51.5161, 0.2733,
0.2893

■ 51.5161, 0.2733,
0.2893

■ 392.5656, 0.2925,
0.3087

■ 36.6195, 0.2687,
0.2846

■ 92.4172, 0.2801,
0.2962

■ 24.9130, 0.2629,
0.2787

■ 119.1905, 0.2827,
0.2988

■ 16.0123, 0.2553,
0.2711

■ 150.6915, 0.2850,
0.3011

■ 9.5328, 0.2452,
0.2607

■ 187.3046, 0.2869,
0.3030

■ 5.0903, 0.2307,
0.2460

■ 229.4141, 0.2885,
0.3047

■ 2.3004, 0.2089,
0.2236

■ 277.4046, 0.2900,

■ 0.7739, 0.1716,

0.3062

0.1856

331.6603, 0.2913,
0.3075

0.0000, 0.0000,
0.0000

51.5161, 0.2733,
0.2893

51.5161, 0.2733,
0.2893

43.7769, 0.2562,
0.2701

60.1906, 0.2899,
0.3068

36.9321, 0.2391,
0.2493

69.8270, 0.3058,
0.3225

30.9466, 0.2225,
0.2273

80.4581, 0.3208,
0.3364

25.7802, 0.2070,
0.2047

91.4222, 0.3323,
0.3488

21.3889, 0.1932,
0.1820

98.1610, 0.3310,
0.3592

■ 17.7229, 0.1818,
0.1601

■ 14.7244, 0.1731,
0.1398

■ 13.3261, 0.1693,
0.1295

Harmonies

Analogous

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



51.5161, 0.2654, 0.3011



51.5161, 0.2733, 0.2893



51.5161, 0.2916, 0.2880

Triad

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



51.5161, 0.2733, 0.2893



51.5161, 0.3580, 0.3338



51.5161, 0.3077, 0.3648

Complementary

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



51.5161, 0.2733, 0.2893



60.4837, 0.3554, 0.3657

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.



51.5161, 0.3327, 0.3735



51.5161, 0.2733, 0.2893



51.5161, 0.3624, 0.3542

Square

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



51.5161, 0.2733, 0.2893



51.5161, 0.3408, 0.3131



51.5161, 0.3529, 0.3691



51.5161, 0.2846, 0.3452

Rectangle

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



51.5161, 0.2733, 0.2893



51.5161, 0.3077, 0.2927



51.5161, 0.3529, 0.3691



51.5161, 0.3161, 0.3691

Sweetspot

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



51.5182, 0.2733, 0.2893



90.3219, 0.3019, 0.3187



65.9184, 0.2905, 0.3582



19.1606, 0.3009, 0.3178



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.



51.5182, 0.2733, 0.2893



64.1229, 0.2654, 0.2805



42.6113, 0.2736, 0.2602



14.1804, 0.2981, 0.3150



7.9734, 0.1701, 0.1323



0.7267, 0.1785, 0.1626

Inverse Universe

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



48.0331, 0.3429, 0.3026



59.0802, 0.3505, 0.2973



71.4346, 0.3469, 0.3907



13.7951, 0.3227, 0.3192



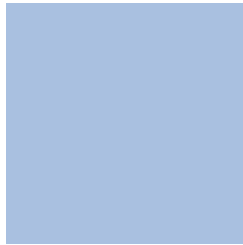
9.7130, 0.5295, 0.2691



0.6908, 0.4898, 0.2472

Previews

White Background



This preview shows how the Yxy color 51.5161, 0.2733, 0.2893 looks on a white background.

Color Contrast Check

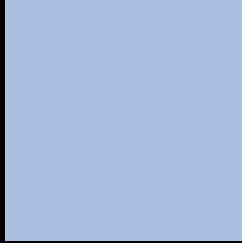
Large Text (above 18pt) WCAG AA × Fail

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 51.5161, 0.2733, 0.2893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

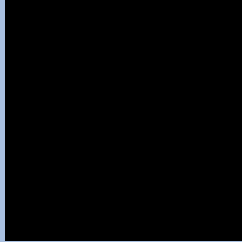
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

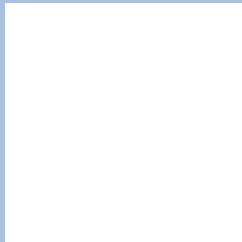
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5161, 0.2733, 0.2893

Background



This preview shows how black text looks on a background with the Yxy color 51.5161, 0.2733, 0.2893.



This preview shows how white text looks on a background with the Yxy color 51.5161, 0.2733, 0.2893.

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

51.5161, 0.2733, 0.2893

Protanopia

51.2542, 0.2849, 0.2888

Deuteranopia

51.2105, 0.2881, 0.2814



Tritanopia

51.3437, 0.2803, 0.3085

Trichromacy



Original Color

51.5161, 0.2733, 0.2893

Protanomaly

51.1341, 0.2807, 0.2885

Deuteranomaly

51.4700, 0.2823, 0.2843

Tritanomaly

51.2617, 0.2777, 0.3011

Monochromacy



Original Color

51.5161, 0.2733, 0.2893

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0363, 0.2975, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5161, 0.2733, 0.2893 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(169, 192, 224)` looks like.

```
.text, #text, p{  
    color:rgb(169, 192, 224)  
}
```

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(169, 192, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 192, 224) }
```

Border

The CSS property to change the border of an element to Yxy 51.5161, 0.2733, 0.2893 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(169, 192, 224) }
```

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

```
.border{ border-color:rgb(169, 192, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 192, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 192, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 192, 224);  
box-shadow:4px 4px 4px 4px rgb(169, 192,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5161, 0.2733, 0.2893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 192, 224) }
```

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

```
.background{ background-color: rgb(169,  
192, 224) }
```

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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