

Converting Colors

$Yxy(50.3962, 0.2668, 0.2748)$

Have a look what the booklet for
Yxy(50.3962, 0.2668, 0.2748)
contains.

Yxy(50.6032, 0.2667, 0.2751)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.6032, 0.2667, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	A8BDE9
RGB	168, 189, 233
RGB Percent	66%, 74%, 91%
CMY	0.3411, 0.2588, 0.0862
CMYK	0.28, 0.19, 0.00, 0.09
HSL	221°, 60%, 79%
HSV	221°, 28%, 91%
XYZ	49.0581, 50.6032, 84.2835
YIQ	187.7370, -26.6400, 9.2320

Conversions

Conversions Part 2

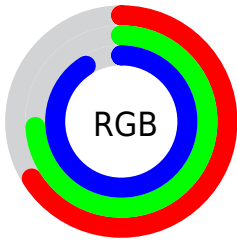
Format	Color
RYB	168, 184, 233
Decimal	11058665
CIELab	76.44, 2.64, -24.26
CIELCh	76, 24.403, 276.203
Yxy	50.6032, 0.2667, 0.2751
Android (android.graphics.Color)	4289248745 (0xFFA8BDE9)
YUV	187.7370, 22.3147, -17.3093
Hunter-Lab	71.1359, -1.3874, -20.4530

Details

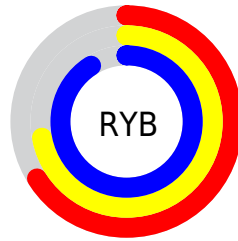
The Yxy color **50.6032, 0.2667, 0.2751** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.2590, 0.3606, 0.3776**, and the grayscale version is **50.0178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3721, 0.2938, 0.3188**, and **24.3601, 0.2544, 0.2617** is the 20% darker color. If you saturate the color by 10%, you get **41.8488, 0.2487, 0.2518**, and if you desaturate by 10%, it is **60.5586, 0.2841, 0.2964**.

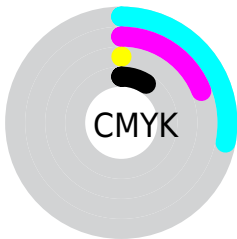
Distribution



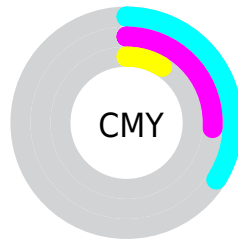
- Red (66%)
- Green (74%)
- Blue (91%)



- Red (66%)
- Yellow (72%)
- Blue (91%)



- Cyan (28%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (34%)
- Magenta (26%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6032, 0.2667, 0.2751 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 50.6032, 0.2667, 0.2751 by changing the saturation by 10% instead.

■ 50.6032, 0.2667,
0.2751

■ 50.6032, 0.2667,
0.2751

■ 389.0202, 0.2891,
0.3011

■ 35.8929, 0.2613,
0.2689

■ 91.0680, 0.2747,
0.2843

■ 24.3515, 0.2546,
0.2611

■ 117.5912, 0.2777,
0.2879

■ 15.5946, 0.2458,
0.2511

■ 148.8210, 0.2803,
0.2909

■ 9.2377, 0.2340,
0.2378

■ 185.1415, 0.2826,
0.2935

■ 4.8966, 0.2174,
0.2192

■ 226.9373, 0.2845,
0.2958

■ 2.1867, 0.1928,
0.1918

■ 274.5928, 0.2862,

■ 0.7127, 0.1530,

0.2978

0.1470

328.4923, 0.2878,
0.2996

0.0000, 0.0000,
0.0000

50.6032, 0.2667,
0.2751

50.6032, 0.2667,
0.2751

41.8488, 0.2487,
0.2518

60.5586, 0.2841,
0.2964

34.2413, 0.2305,
0.2269

71.7540, 0.3005,
0.3154

27.7311, 0.2129,
0.2009

84.2341, 0.3158,
0.3324

22.2625, 0.1966,
0.1748

96.8398, 0.3259,
0.3475

17.7739, 0.1825,
0.1495

98.6641, 0.3256,
0.3503

■ 14.1956, 0.1713,
0.1265

■ 11.4410, 0.1633,
0.1066

■ 10.9451, 0.1619,
0.1028

Harmonies

Analogous

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



50.6032, 0.2523, 0.2861



50.6032, 0.2667, 0.2751



50.6032, 0.2936, 0.2776

Triad

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



50.6032, 0.2667, 0.2751



50.6032, 0.3765, 0.3427



50.6032, 0.2962, 0.3705

Complementary

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



50.6032, 0.2667, 0.2751



67.2590, 0.3606, 0.3776

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.



50.6032, 0.3293, 0.3870



50.6032, 0.2667, 0.2751



50.6032, 0.3767, 0.3683

Square

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



50.6032, 0.2667, 0.2751



50.6032, 0.3579, 0.3154



50.6032, 0.3590, 0.3853



50.6032, 0.2686, 0.3412

Rectangle

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



50.6032, 0.2667, 0.2751



50.6032, 0.3157, 0.2862



50.6032, 0.3590, 0.3853



50.6032, 0.3071, 0.3779

Sweetspot

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



50.6052, 0.2667, 0.2751



87.8341, 0.3003, 0.3152



71.3343, 0.2840, 0.3548



18.3349, 0.2979, 0.3124



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.



50.6052, 0.2667, 0.2751



56.2547, 0.2573, 0.2631



43.4620, 0.2721, 0.2502



15.3427, 0.2980, 0.3126



6.4088, 0.1627, 0.1055



0.6719, 0.1703, 0.1330

Inverse Universe

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



49.0123, 0.3541, 0.3055



54.4069, 0.3648, 0.3009



76.6730, 0.3468, 0.4005



15.1342, 0.3242, 0.3214



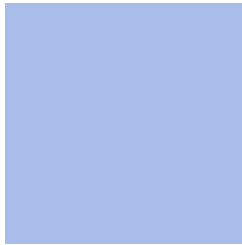
10.1398, 0.5677, 0.2901



0.8132, 0.5285, 0.2685

Previews

White Background



This preview shows how the Yxy color 50.6032, 0.2667, 0.2751 looks on a white background.

Color Contrast Check

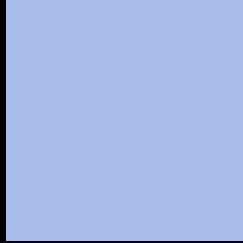
Large Text (above 18pt) WCAG AA × Fail

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 50.6032, 0.2667, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

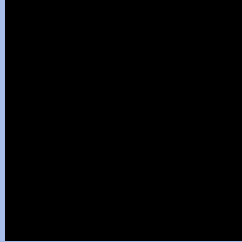
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

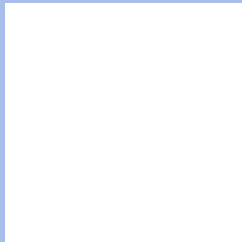
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6032, 0.2667, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 50.6032, 0.2667, 0.2751.



This preview shows how white text looks on a background with the Yxy color 50.6032, 0.2667, 0.2751.

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

50.6032, 0.2667, 0.2751

Protanopia

50.3523, 0.2746, 0.2746

Deuteranopia

50.2888, 0.2760, 0.2694



Tritanopia

50.5299, 0.2788, 0.3083

Trichromacy



Original Color

50.6032, 0.2667, 0.2751

Protanomaly

50.3655, 0.2712, 0.2743

Deuteranomaly

50.5233, 0.2726, 0.2713

Tritanomaly

50.7606, 0.2743, 0.2961

Monochromacy



Original Color

50.6032, 0.2667, 0.2751

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1498, 0.2952, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6032, 0.2667, 0.2751 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(168, 189, 233)` looks like.

```
.text, #text, p{  
    color:rgb(168, 189, 233)  
}
```

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(168, 189, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 189, 233) }
```

Border

The CSS property to change the border of an element to Yxy 50.6032, 0.2667, 0.2751 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(168, 189, 233) }
```

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

```
.border{ border-color:rgb(168, 189, 233) }
```

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

Here you see how a box with a 4 pixel rgb(168, 189, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 189, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 189, 233);  
box-shadow:4px 4px 4px 4px rgb(168, 189,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6032, 0.2667, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 189, 233) }
```

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

```
.background{ background-color: rgb(168,  
189, 233) }
```

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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