

Converting Colors

$Y_{xy}(53.7051, 0.2749, 0.2985)$

Have a look what the booklet for
Yxy(53.7051, 0.2749, 0.2985)
contains.

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Color

Yxy(53.6414, 0.2751, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	A9C5DE
RGB	169, 197, 222
RGB Percent	66%, 77%, 87%
CMY	0.3371, 0.2275, 0.1294
CMYK	0.24, 0.11, 0.00, 0.13
HSL	208°, 45%, 77%
HSV	208°, 24%, 87%
XYZ	49.5193, 53.6414, 76.8440
YIQ	191.4780, -24.7130, 1.8390

Conversions

Conversions Part 2

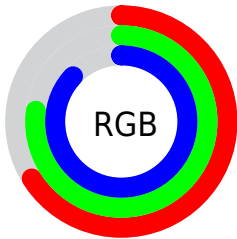
Format	Color
RYB	169, 187, 222
Decimal	11126238
CIELab	78.25, -3.93, -15.56
CIELCh	78, 16.050, 255.828
Yxy	53.6414, 0.2751, 0.2980
Android (android.graphics.Color)	4289316318 (0xFFA9C5DE)
YUV	191.4780, 15.0473, -19.7132
Hunter-Lab	73.2403, -7.4829, -10.9391

Details

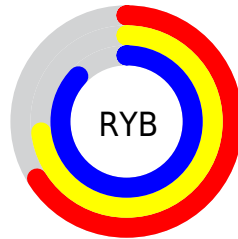
The Yxy color **53.6414, 0.2751, 0.2980** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.9979, 0.3555, 0.3581**, and the grayscale version is **52.3193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1112, 0.2946, 0.3279**, and **26.1479, 0.2652, 0.2890** is the 20% darker color. If you saturate the color by 10%, you get **46.7968, 0.2589, 0.2827**, and if you desaturate by 10%, it is **61.2381, 0.2912, 0.3120**.

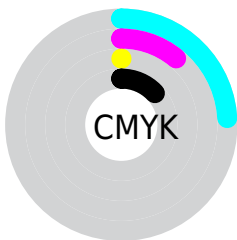
Distribution



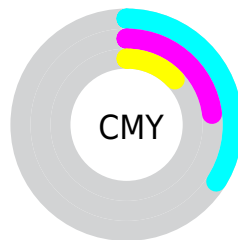
- Red (66%)
- Green (77%)
- Blue (87%)



- Red (66%)
- Yellow (73%)
- Blue (87%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (34%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6414, 0.2751, 0.2980 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 53.6414, 0.2751, 0.2980 by changing the saturation by 10% instead.

■ 53.6414, 0.2751,
0.2980

■ 53.6414, 0.2751,
0.2980

400.7411, 0.2933,
0.3132

■ 38.3150, 0.2708,
0.2943

■ 95.5475, 0.2815,
0.3034

■ 26.2273, 0.2653,
0.2897

122.8961, 0.2840,
0.3055

■ 16.9938, 0.2583,
0.2836

155.0208, 0.2861,
0.3072

■ 10.2300, 0.2488,
0.2754

192.3061, 0.2879,
0.3088

■ 5.5517, 0.2354,
0.2636

235.1364, 0.2895,
0.3101

■ 2.5745, 0.2152,
0.2455

283.8961, 0.2909,

■ 0.9139, 0.1814,

0.3112

0.2147

338.9695, 0.2921,
0.3122

0.0000, 0.0000,
0.0000

53.6414, 0.2751,
0.2980

53.6414, 0.2751,
0.2980

46.7968, 0.2589,
0.2827

61.2381, 0.2912,
0.3120

40.6702, 0.2430,
0.2662

69.6066, 0.3068,
0.3245

35.2340, 0.2277,
0.2486

78.7735, 0.3219,
0.3357

30.4557, 0.2137,
0.2304

88.2189, 0.3342,
0.3458

26.2998, 0.2013,
0.2118

94.5323, 0.3329,
0.3559

■ 22.7257, 0.1911,
0.1934

■ 98.0535, 0.3322,
0.3611

■ 19.6858, 0.1832,
0.1757

■ 18.0379, 0.1792,
0.1653

Harmonies

Analogous

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



53.6414, 0.2722, 0.3114



53.6414, 0.2751, 0.2980



53.6414, 0.2877, 0.2932

Triad

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



53.6414, 0.2751, 0.2980



53.6414, 0.3467, 0.3261



53.6414, 0.3169, 0.3635

Complementary

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



53.6414, 0.2751, 0.2980



56.9979, 0.3555, 0.3581

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.



53.6414, 0.3374, 0.3667



53.6414, 0.2751, 0.2980



53.6414, 0.3550, 0.3443

Square

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



53.6414, 0.2751, 0.2980



53.6414, 0.3290, 0.3092



53.6414, 0.3515, 0.3593



53.6414, 0.2959, 0.3500

Rectangle

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



53.6414, 0.2751, 0.2980



53.6414, 0.3003, 0.2950



53.6414, 0.3515, 0.3593



53.6414, 0.3241, 0.3658

Sweetspot

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



53.6436, 0.2751, 0.2980



91.5106, 0.3019, 0.3206



64.5621, 0.2943, 0.3640



19.4358, 0.3009, 0.3199



0.0000, 0.0000, 0.0000



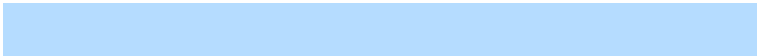
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6436, 0.2751, 0.2980



68.2808, 0.2664, 0.2899



42.7687, 0.2723, 0.2642



14.4349, 0.2981, 0.3177



10.9396, 0.1799, 0.1677



0.9372, 0.1874, 0.1945

Inverse Universe

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



47.9528, 0.3367, 0.2968



59.4999, 0.3437, 0.2892



69.6999, 0.3490, 0.3865



13.8208, 0.3210, 0.3167



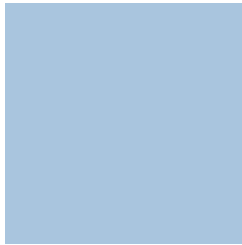
10.0124, 0.4834, 0.2437



0.7121, 0.4516, 0.2261

Previews

White Background



This preview shows how the Yxy color 53.6414, 0.2751, 0.2980 looks on a white background.

Color Contrast Check

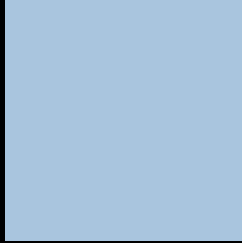
Large Text (above 18pt) WCAG AA × Fail

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 53.6414, 0.2751, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

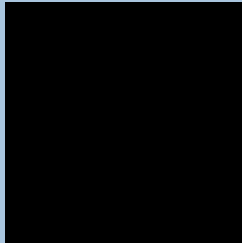
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

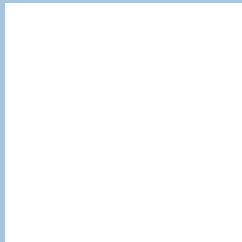
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6414, 0.2751, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 53.6414, 0.2751, 0.2980.



This preview shows how white text looks on a background with the Yxy color 53.6414, 0.2751, 0.2980.

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

53.6414, 0.2751, 0.2980

Protanopia

53.6326, 0.2910, 0.2966

Deuteranopia

53.2186, 0.2934, 0.2867



Tritanopia

53.4587, 0.2788, 0.3088

Trichromacy



Original Color

53.6414, 0.2751, 0.2980

Protanomaly

53.6960, 0.2852, 0.2974

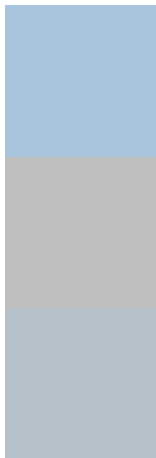
Deuteranomaly

53.1541, 0.2867, 0.2906

Tritanomaly

53.7228, 0.2776, 0.3052

Monochromacy



Original Color

53.6414, 0.2751, 0.2980

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.4715, 0.2983, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6414, 0.2751, 0.2980 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, 197, 222)` looks like.

```
.text, #text, p{  
    color:rgb(169, 197, 222)  
}
```

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, 197, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 197, 222) }
```

Border

The CSS property to change the border of an element to Yxy 53.6414, 0.2751, 0.2980 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, 197, 222) }
```

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

```
.border{ border-color:rgb(169, 197, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 197, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 197, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 197, 222);  
box-shadow:4px 4px 4px 4px rgb(169, 197,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6414, 0.2751, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 197, 222) }
```

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

```
.background{ background-color: rgb(169,  
197, 222) }
```

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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