

Converting Colors

$Yxy(52.0345, 0.2646, 0.2832)$

Have a look what the booklet for
Yxy(52.0345, 0.2646, 0.2832)
contains.

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Color

Yxy(52.0345, 0.2646, 0.2832)

Conversions

Conversions Part 1

Format	Color
Hex	A2C2E7
RGB	162, 194, 231
RGB Percent	64%, 76%, 91%
CMY	0.3647, 0.2392, 0.0941
CMYK	0.30, 0.16, 0.00, 0.09
HSL	212°, 59%, 77%
HSV	212°, 30%, 91%
XYZ	48.6170, 52.0345, 83.0862
YIQ	188.6500, -30.9490, 4.7230

Conversions

Conversions Part 2

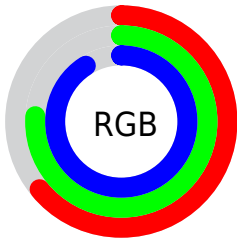
Format	Color
RYB	162, 184, 231
Decimal	10666727
CIELab	77.30, -2.29, -21.90
CIELCh	77, 22.017, 264.028
Yxy	52.0345, 0.2646, 0.2832
Android (android.graphics.Color)	4288856807 (0xFFA2C2E7)
YUV	188.6500, 20.8785, -23.3721
Hunter-Lab	72.1349, -5.9320, -17.7967

Details

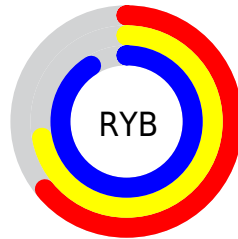
The Yxy color **52.0345, 0.2646, 0.2832** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.4505, 0.3674, 0.3707**, and the grayscale version is **50.5723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4966, 0.2904, 0.3238**, and **25.3330, 0.2521, 0.2724** is the 20% darker color. If you saturate the color by 10%, you get **44.5486, 0.2479, 0.2648**, and if you desaturate by 10%, it is **60.4286, 0.2812, 0.3001**.

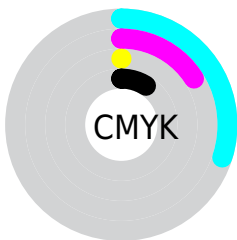
Distribution



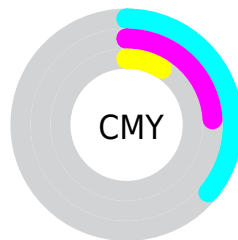
- Red (64%)
- Green (76%)
- Blue (91%)



- Red (64%)
- Yellow (72%)
- Blue (91%)



- Cyan (30%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0345, 0.2646, 0.2832 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 52.0345, 0.2646, 0.2832 by changing the saturation by 10% instead.

■ 52.0345, 0.2646,
0.2832

■ 52.0345, 0.2646,
0.2832

■ 394.5698, 0.2878,
0.3055

■ 37.0326, 0.2591,
0.2779

■ 93.1821, 0.2728,
0.2911

■ 25.2327, 0.2521,
0.2711

■ 120.0966, 0.2760,
0.2942

■ 16.2505, 0.2432,
0.2624

■ 151.7507, 0.2787,
0.2968

■ 9.7016, 0.2312,
0.2506

■ 188.5289, 0.2810,
0.2990

■ 5.2016, 0.2144,
0.2341

■ 230.8155, 0.2831,
0.3009

■ 2.3660, 0.1896,
0.2094

■ 278.9949, 0.2848,

■ 0.8083, 0.1492,

0.3026

0.1693

333.4515, 0.2864,
0.3041

0.0000, 0.0000,
0.0000

52.0345, 0.2646,
0.2832

52.0345, 0.2646,
0.2832

44.5486, 0.2479,
0.2648

60.4286, 0.2812,
0.3001

37.9293, 0.2315,
0.2450

69.7580, 0.2974,
0.3155

32.1403, 0.2160,
0.2244

80.0562, 0.3129,
0.3292

27.1397, 0.2019,
0.2033

91.3530, 0.3276,
0.3413

22.8810, 0.1899,
0.1823

98.5499, 0.3268,
0.3522

■ 19.3106, 0.1804,
0.1623

■ 16.3461, 0.1733,
0.1437

■ 16.3102, 0.1732,
0.1434

Harmonies

Analogous

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



52.0345, 0.2569, 0.2982



52.0345, 0.2646, 0.2832



52.0345, 0.2848, 0.2804

Triad

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



52.0345, 0.2646, 0.2832



52.0345, 0.3647, 0.3315



52.0345, 0.3100, 0.3736

Complementary

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



52.0345, 0.2646, 0.2832



60.4505, 0.3674, 0.3707

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.



52.0345, 0.3393, 0.3820



52.0345, 0.2646, 0.2832



52.0345, 0.3718, 0.3558

Square

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



52.0345, 0.2646, 0.2832



52.0345, 0.3428, 0.3077



52.0345, 0.3623, 0.3747



52.0345, 0.2823, 0.3513

Rectangle

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



52.0345, 0.2646, 0.2832



52.0345, 0.3032, 0.2852



52.0345, 0.3623, 0.3747



52.0345, 0.3200, 0.3782

Sweetspot

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



52.0366, 0.2646, 0.2832



88.3012, 0.2987, 0.3166



68.9518, 0.2874, 0.3685



18.5155, 0.2964, 0.3145



0.0000, 0.0000, 0.0000



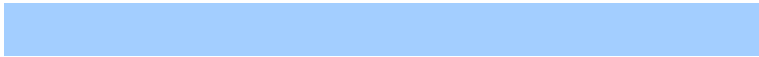
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0366, 0.2646, 0.2832



59.0589, 0.2540, 0.2717



39.5381, 0.2617, 0.2422



14.9832, 0.2981, 0.3161



9.3862, 0.1740, 0.1463



0.8779, 0.1817, 0.1739

Inverse Universe

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



46.7281, 0.3488, 0.2930



51.9705, 0.3593, 0.2851



76.3738, 0.3561, 0.4039



14.4787, 0.3220, 0.3181



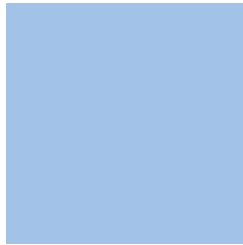
10.1453, 0.5107, 0.2587



0.7683, 0.4759, 0.2395

Previews

White Background



This preview shows how the Yxy color 52.0345, 0.2646, 0.2832 looks on a white background.

Color Contrast Check

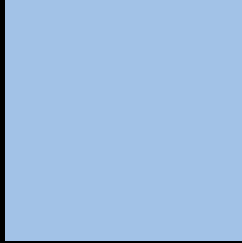
Large Text (above 18pt) WCAG AA × Fail

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 52.0345, 0.2646, 0.2832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

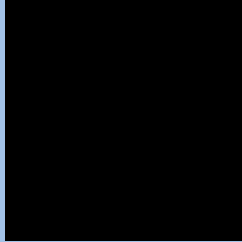
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

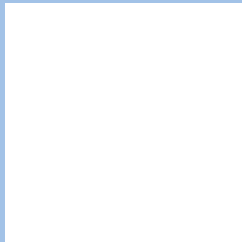
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0345, 0.2646, 0.2832

Background



This preview shows how black text looks on a background with the Yxy color 52.0345, 0.2646, 0.2832.



This preview shows how white text looks on a background with the Yxy color 52.0345, 0.2646, 0.2832.

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

52.0345, 0.2646, 0.2832

Protanopia

51.8863, 0.2803, 0.2832

Deuteranopia

51.6924, 0.2805, 0.2735



Tritanopia

52.0057, 0.2732, 0.3084

Trichromacy



Original Color

52.0345, 0.2646, 0.2832

Protanomaly

51.9770, 0.2748, 0.2839

Deuteranomaly

51.8051, 0.2749, 0.2773

Tritanomaly

52.0181, 0.2695, 0.2985

Monochromacy



Original Color

52.0345, 0.2646, 0.2832

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.2049, 0.2938, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0345, 0.2646, 0.2832 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(162, 194, 231)` looks like.

```
.text, #text, p{  
    color:rgb(162, 194, 231)  
}
```

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(162, 194, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 194, 231) }
```

Border

The CSS property to change the border of an element to Yxy 52.0345, 0.2646, 0.2832 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(162, 194, 231) }
```

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

```
.border{ border-color:rgb(162, 194, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 194, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 194, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 194, 231);  
box-shadow:4px 4px 4px 4px rgb(162, 194,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0345, 0.2646, 0.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 194, 231) }
```

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

```
.background{ background-color: rgb(162,  
194, 231) }
```

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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