

Converting Colors

Yxy(52.1732, 0.2636, 0.2813)

Have a look what the booklet for
Yxy(52.1732, 0.2636, 0.2813)
contains.

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Color

Yxy(52.1481, 0.2634, 0.2809)

Conversions

Conversions Part 1

Format	Color
Hex	A2C2E9
RGB	162, 194, 233
RGB Percent	64%, 76%, 91%
CMY	0.3648, 0.2392, 0.0862
CMYK	0.30, 0.17, 0.00, 0.09
HSL	213°, 62%, 77%
HSV	213°, 30%, 91%
XYZ	48.8993, 52.1481, 84.5991
YIQ	188.8780, -31.5910, 5.3450

Conversions

Conversions Part 2

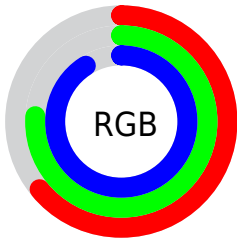
Format	Color
R_{YB}	162, 184, 233
Decimal	10666729
CIE Lab	77.37, -1.81, -22.88
CIE LCh	77, 22.955, 265.476
Yxy	52.1481, 0.2634, 0.2809
Android (android.graphics.Color)	4288856809 (0xFFA2C2E9)
YUV	188.8780, 21.7521, -23.5720
Hunter-Lab	72.2136, -5.5030, -18.9094

Details

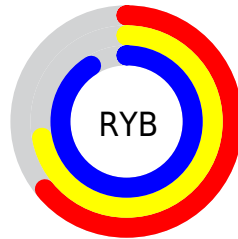
The Yxy color **52.1481, 0.2634, 0.2809** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.7094, 0.3685, 0.3726**, and the grayscale version is **50.7019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4966, 0.2904, 0.3238**, and **25.4122, 0.2507, 0.2695** is the 20% darker color. If you saturate the color by 10%, you get **44.4782, 0.2465, 0.2619**, and if you desaturate by 10%, it is **60.7650, 0.2801, 0.2984**.

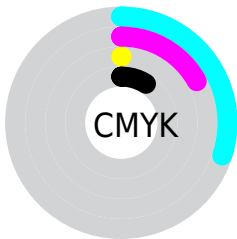
Distribution



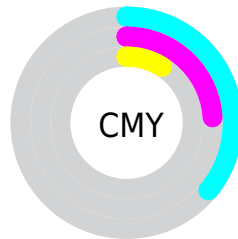
- Red (64%)
- Green (76%)
- Blue (91%)



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



- Cyan (30%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1481, 0.2634, 0.2809 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 52.1481, 0.2634, 0.2809 by changing the saturation by 10% instead.

■ 52.1481, 0.2634,
0.2809

■ 52.1481, 0.2634,
0.2809

■ 395.0081, 0.2872,
0.3043

■ 37.1231, 0.2577,
0.2753

■ 93.3496, 0.2718,
0.2892

■ 25.3028, 0.2506,
0.2683

■ 120.2950, 0.2751,
0.2924

■ 16.3028, 0.2415,
0.2592

■ 151.9826, 0.2778,
0.2951

■ 9.7387, 0.2293,
0.2470

■ 188.7968, 0.2802,
0.2974

■ 5.2261, 0.2123,
0.2300

■ 231.1221, 0.2823,
0.2995

■ 2.3805, 0.1872,
0.2046

■ 279.3428, 0.2841,

■ 0.8158, 0.1469,

0.3012

0.1639

333.8433, 0.2858,
0.3028

0.0000, 0.0000,
0.0000

52.1481, 0.2634,
0.2809

52.1481, 0.2634,
0.2809

44.4782, 0.2465,
0.2619

60.7650, 0.2801,
0.2984

37.7117, 0.2300,
0.2416

70.3575, 0.2964,
0.3142

31.8104, 0.2144,
0.2203

80.9608, 0.3120,
0.3284

26.7303, 0.2003,
0.1987

92.5702, 0.3265,
0.3409

22.4224, 0.1883,
0.1774

98.6648, 0.3256,
0.3502

■ 18.8303, 0.1788,
0.1571

■ 15.9971, 0.1720,
0.1392

Harmonies

Analogous

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



52.1481, 0.2548, 0.2958



52.1481, 0.2634, 0.2809



52.1481, 0.2849, 0.2787

Triad

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



52.1481, 0.2634, 0.2809



52.1481, 0.3677, 0.3327



52.1481, 0.3083, 0.3748

Complementary

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



52.1481, 0.2634, 0.2809



61.7094, 0.3685, 0.3726

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.



52.1481, 0.3390, 0.3843



52.1481, 0.2634, 0.2809



52.1481, 0.3742, 0.3579

Square

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



52.1481, 0.2634, 0.2809



52.1481, 0.3454, 0.3079



52.1481, 0.3634, 0.3773



52.1481, 0.2798, 0.3509

Rectangle

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



52.1481, 0.2634, 0.2809



52.1481, 0.3043, 0.2841



52.1481, 0.3634, 0.3773



52.1481, 0.3187, 0.3798

Sweetspot

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



52.1502, 0.2634, 0.2809



88.1241, 0.2987, 0.3163



70.1368, 0.2869, 0.3695



18.4719, 0.2964, 0.3142



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.



52.1502, 0.2634, 0.2809



57.5584, 0.2521, 0.2683



39.6471, 0.2604, 0.2401



15.6672, 0.2980, 0.3157



9.3148, 0.1728, 0.1420



0.9212, 0.1802, 0.1685

Inverse Universe

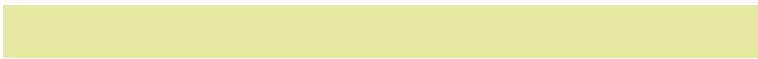
The Inverse Universe completely reimagines the original color for something new.



47.0566, 0.3506, 0.2932



50.9480, 0.3622, 0.2851



77.8338, 0.3570, 0.4055



15.1669, 0.3222, 0.3184



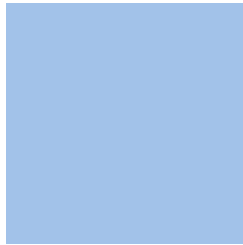
10.4331, 0.5164, 0.2618



0.8384, 0.4825, 0.2432

Previews

White Background



This preview shows how the Yxy color 52.1481, 0.2634, 0.2809 looks on a white background.

Color Contrast Check

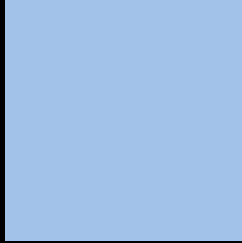
Large Text (above 18pt) WCAG AA × Fail

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 52.1481, 0.2634, 0.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

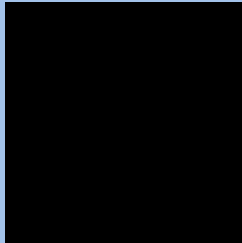
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

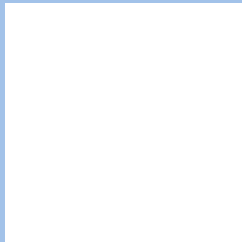
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1481, 0.2634, 0.2809

Background



This preview shows how black text looks on a background with the Yxy color 52.1481, 0.2634, 0.2809.



This preview shows how white text looks on a background with the Yxy color 52.1481, 0.2634, 0.2809.

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

52.1481, 0.2634, 0.2809

Protanopia

52.0534, 0.2783, 0.2798

Deuteranopia

52.1036, 0.2785, 0.2725



Tritanopia

52.0057, 0.2732, 0.3084

Trichromacy



Original Color

52.1481, 0.2634, 0.2809

Protanomaly

52.1451, 0.2730, 0.2805

Deuteranomaly

52.2324, 0.2731, 0.2763

Tritanomaly

52.0181, 0.2695, 0.2985

Monochromacy



Original Color

52.1481, 0.2634, 0.2809

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.2531, 0.2931, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1481, 0.2634, 0.2809 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(162, 194, 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(162, 194, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 194, 233) }
```

Border

The CSS property to change the border of an element to Yxy 52.1481, 0.2634, 0.2809 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, 233) }
```

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

```
.border{ border-color:rgb(162, 194, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 194, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 194, 233);  
box-shadow:4px 4px 4px 4px rgb(162, 194,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1481, 0.2634, 0.2809 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, 233) }
```

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

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