

Converting Colors

Yxy(52.2644, 0.2653, 0.2867)

Have a look what the booklet for
Yxy(52.2644, 0.2653, 0.2867)
contains.

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Color

Yxy(52.2644, 0.2653, 0.2867)

Conversions

Conversions Part 1

Format	Color
Hex	A1C3E5
RGB	161, 195, 229
RGB Percent	63%, 76%, 90%
CMY	0.3684, 0.2353, 0.1020
CMYK	0.30, 0.15, 0.00, 0.10
HSL	210°, 57%, 76%
HSV	210°, 30%, 90%
XYZ	48.3633, 52.2644, 81.6688
YIQ	188.7100, -31.1780, 3.3660

Conversions

Conversions Part 2

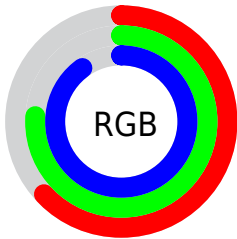
Format	Color
RYB	161, 184, 229
Decimal	10601445
CIELab	77.44, -3.58, -20.62
CIELCh	77, 20.924, 260.152
Yxy	52.2644, 0.2653, 0.2867
Android (android.graphics.Color)	4288791525 (0xFFA1C3E5)
YUV	188.7100, 19.8630, -24.3017
Hunter-Lab	72.2941, -7.1019, -16.3725

Details

The Yxy color $52.2644, 0.2653, 0.2867$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $58.2913, 0.3677, 0.3678$, and the grayscale version is $50.6185, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.9661, 0.2898, 0.3249$, and $25.2550, 0.2536, 0.2754$ is the 20% darker color. If you saturate the color by 10%, you get $45.1597, 0.2489, 0.2696$, and if you desaturate by 10%, it is $60.2033, 0.2817, 0.3024$.

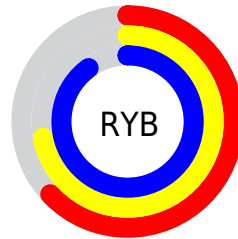
Distribution



Red (63%)

Green (76%)

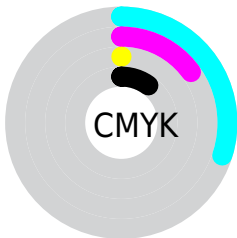
Blue (90%)



Red (63%)

Yellow (72%)

Blue (90%)

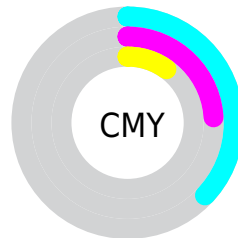


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (10%)



Cyan (37%)

Magenta (24%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2644, 0.2653, 0.2867 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 52.2644, 0.2653, 0.2867 by changing the saturation by 10% instead.

■ 52.2644, 0.2653,
0.2867

■ 52.2644, 0.2653,
0.2867

■ 395.4565, 0.2882,
0.3074

■ 37.2159, 0.2599,
0.2817

■ 93.5211, 0.2734,
0.2941

■ 25.3747, 0.2530,
0.2754

■ 120.4980, 0.2765,
0.2969

■ 16.3564, 0.2442,
0.2673

■ 152.2198, 0.2792,
0.2993

■ 9.7767, 0.2324,
0.2563

■ 189.0709, 0.2815,
0.3013

■ 5.2512, 0.2159,
0.2407

■ 231.4358, 0.2835,
0.3031

■ 2.3954, 0.1914,
0.2171

■ 279.6987, 0.2852,

■ 0.8235, 0.1508,

0.3047

0.1785

334.2442, 0.2868,
0.3061

0.0000, 0.0000,
0.0000

52.2644, 0.2653,
0.2867

52.2644, 0.2653,
0.2867

45.1597, 0.2489,
0.2696

60.2033, 0.2817,
0.3024

38.8504, 0.2329,
0.2513

69.0006, 0.2977,
0.3166

33.3033, 0.2179,
0.2321

78.6872, 0.3132,
0.3294

28.4799, 0.2044,
0.2124

89.2904, 0.3279,
0.3407

24.3372, 0.1928,
0.1928

96.7275, 0.3283,
0.3517

■ 20.8257, 0.1836,
0.1738

■ 98.4373, 0.3280,
0.3542

■ 17.8689, 0.1767,
0.1559

■ 17.7789, 0.1765,
0.1553

Harmonies

Analogous

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



52.2644, 0.2597, 0.3024



52.2644, 0.2653, 0.2867



52.2644, 0.2832, 0.2825

Triad

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



52.2644, 0.2653, 0.2867



52.2644, 0.3600, 0.3283



52.2644, 0.3139, 0.3731

Complementary

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



52.2644, 0.2653, 0.2867



58.2913, 0.3677, 0.3678

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.



52.2644, 0.3414, 0.3792



52.2644, 0.2653, 0.2867



52.2644, 0.3688, 0.3517

Square

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



52.2644, 0.2653, 0.2867



52.2644, 0.3379, 0.3061



52.2644, 0.3618, 0.3706



52.2644, 0.2869, 0.3534

Rectangle

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



52.2644, 0.2653, 0.2867



52.2644, 0.3002, 0.2861



52.2644, 0.3618, 0.3706



52.2644, 0.3234, 0.3768

Sweetspot

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



52.2665, 0.2653, 0.2867



88.7930, 0.2987, 0.3175



67.5638, 0.2888, 0.3711



18.6365, 0.2964, 0.3155



0.0000, 0.0000, 0.0000



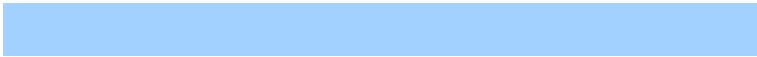
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2665, 0.2653, 0.2867



60.6547, 0.2546, 0.2757



38.7473, 0.2604, 0.2425



15.0706, 0.2981, 0.3169



10.4058, 0.1772, 0.1580



0.9547, 0.1846, 0.1845

Inverse Universe

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



46.1059, 0.3461, 0.2906



52.1316, 0.3562, 0.2818



75.2736, 0.3575, 0.4030



14.4875, 0.3214, 0.3173



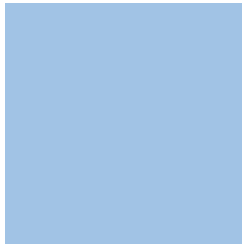
10.2482, 0.4956, 0.2504



0.7761, 0.4633, 0.2326

Previews

White Background



This preview shows how the Yxy color 52.2644, 0.2653, 0.2867 looks on a white background.

Color Contrast Check

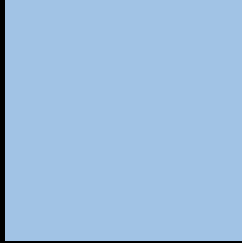
Large Text (above 18pt) WCAG AA × Fail

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 52.2644, 0.2653, 0.2867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

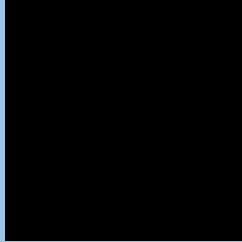
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

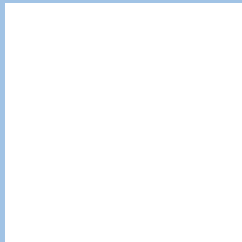
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2644, 0.2653, 0.2867

Background



This preview shows how black text looks on a background with the Yxy color 52.2644, 0.2653, 0.2867.



This preview shows how white text looks on a background with the Yxy color 52.2644, 0.2653, 0.2867.

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

52.2644, 0.2653, 0.2867

Protanopia

52.0218, 0.2831, 0.2856

Deuteranopia

52.2573, 0.2834, 0.2771



Tritanopia

52.4614, 0.2733, 0.3097

Trichromacy



Original Color

52.2644, 0.2653, 0.2867

Protanomaly

51.9827, 0.2768, 0.2863

Deuteranomaly

52.1238, 0.2763, 0.2808

Tritanomaly

52.4179, 0.2702, 0.3010

Monochromacy



Original Color

52.2644, 0.2653, 0.2867

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 52.2644, 0.2653, 0.2867 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(161, 195, 229)` looks like.

```
.text, #text, p{  
    color:rgb(161, 195, 229)  
}
```

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(161, 195, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 195, 229) }
```

Border

The CSS property to change the border of an element to Yxy 52.2644, 0.2653, 0.2867 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(161, 195, 229) }
```

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

```
.border{ border-color:rgb(161, 195, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 195, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 195, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 195, 229);  
box-shadow:4px 4px 4px 4px rgb(161, 195,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2644, 0.2653, 0.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 195, 229) }
```

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

```
.background{ background-color: rgb(161,  
195, 229) }
```

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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