

Converting Colors

$Yxy(52.5427, 0.2644, 0.2832)$

Have a look what the booklet for
Yxy(52.5427, 0.2644, 0.2832)
contains.

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Color

Yxy(52.5378, 0.2642, 0.2833)

Conversions

Conversions Part 1

Format	Color
Hex	A2C3E8
RGB	162, 195, 232
RGB Percent	64%, 76%, 91%
CMY	0.3644, 0.2354, 0.0901
CMYK	0.30, 0.16, 0.00, 0.09
HSL	212°, 60%, 77%
HSV	212°, 30%, 91%
XYZ	48.9957, 52.5378, 83.9158
YIQ	189.3510, -31.5450, 4.5110

Conversions

Conversions Part 2

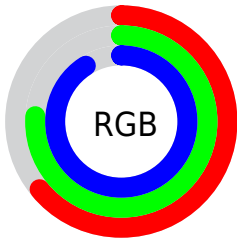
Format	Color
R _Y B	162, 184, 232
Decimal	10666984
CIE Lab	77.60, -2.55, -21.99
CIE LCh	78, 22.134, 263.391
Yxy	52.5378, 0.2642, 0.2833
Android (android.graphics.Color)	4288857064 (0xFFA2C3E8)
YUV	189.3510, 21.0260, -23.9868
Hunter-Lab	72.4830, -6.1860, -17.9038

Details

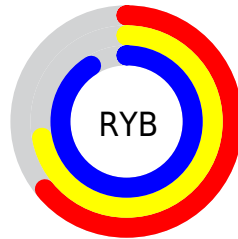
The Yxy color **52.5378, 0.2642, 0.2833** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.6754, 0.3682, 0.3706**, and the grayscale version is **51.0011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1198, 0.2904, 0.3249**, and **25.3725, 0.2514, 0.2709** is the 20% darker color. If you saturate the color by 10%, you get **45.0470, 0.2475, 0.2651**, and if you desaturate by 10%, it is **60.9343, 0.2808, 0.3001**.

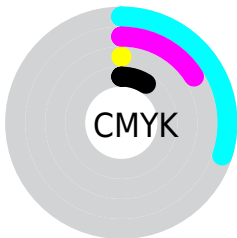
Distribution



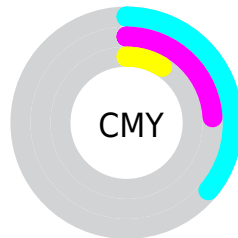
- Red (64%)
- Green (76%)
- Blue (91%)



- 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 52.5378, 0.2642, 0.2833 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 52.5378, 0.2642, 0.2833 by changing the saturation by 10% instead.

■ 52.5378, 0.2642,
0.2833

■ 52.5378, 0.2642,
0.2833

■ 396.5093, 0.2876,
0.3055

■ 37.4339, 0.2586,
0.2780

■ 93.9239, 0.2725,
0.2912

■ 25.5436, 0.2517,
0.2713

■ 120.9749, 0.2757,
0.2942

■ 16.4825, 0.2427,
0.2626

■ 152.7771, 0.2784,
0.2968

■ 9.8663, 0.2307,
0.2509

■ 189.7148, 0.2807,
0.2990

■ 5.3104, 0.2140,
0.2346

■ 232.1725, 0.2828,
0.3010

■ 2.4305, 0.1893,
0.2101

■ 280.5346, 0.2846,

■ 0.8415, 0.1496,

0.3027

0.1707

335.1854, 0.2862,
0.3042

■ 0.0000, 0.0000,
0.0000

■ 52.5378, 0.2642,
0.2833

■ 52.5378, 0.2642,
0.2833

■ 45.0470, 0.2475,
0.2651

■ 60.9343, 0.2808,
0.3001

■ 38.4202, 0.2312,
0.2455

■ 70.2635, 0.2970,
0.3152

■ 32.6210, 0.2158,
0.2251

■ 80.5589, 0.3125,
0.3288

■ 27.6076, 0.2020,
0.2043

■ 91.8502, 0.3272,
0.3409

■ 23.3332, 0.1901,
0.1836

■ 98.6073, 0.3262,
0.3512

■ 19.7439, 0.1807,
0.1638

■ 16.7935, 0.1738,
0.1455

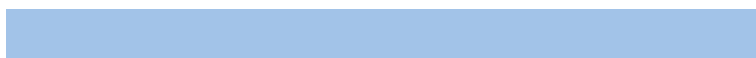
Harmonies

Analogous

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



52.5378, 0.2568, 0.2985



52.5378, 0.2642, 0.2833



52.5378, 0.2842, 0.2803

Triad

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



52.5378, 0.2642, 0.2833



52.5378, 0.3645, 0.3309



52.5378, 0.3106, 0.3741

Complementary

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



52.5378, 0.2642, 0.2833



60.6754, 0.3682, 0.3706

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.



52.5378, 0.3400, 0.3821



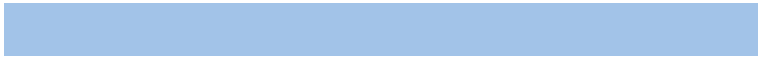
52.5378, 0.2642, 0.2833



52.5378, 0.3720, 0.3553

Square

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



52.5378, 0.2642, 0.2833



52.5378, 0.3423, 0.3072



52.5378, 0.3627, 0.3745



52.5378, 0.2827, 0.3519

Rectangle

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



52.5378, 0.2642, 0.2833



52.5378, 0.3026, 0.2849



52.5378, 0.3627, 0.3745



52.5378, 0.3206, 0.3786

Sweetspot

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



52.5399, 0.2642, 0.2833



88.3927, 0.2987, 0.3168



69.5020, 0.2878, 0.3704



18.5379, 0.2964, 0.3147



0.0000, 0.0000, 0.0000



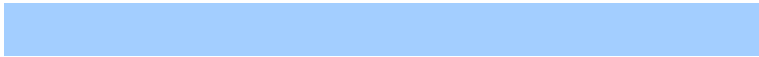
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5399, 0.2642, 0.2833



59.3536, 0.2541, 0.2724



39.5122, 0.2603, 0.2411



14.9994, 0.2981, 0.3162



9.5691, 0.1746, 0.1485



0.8918, 0.1822, 0.1759

Inverse Universe

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



46.9700, 0.3488, 0.2922



52.0002, 0.3587, 0.2845



77.3004, 0.3573, 0.4044



14.4803, 0.3219, 0.3180



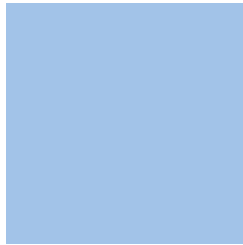
10.1637, 0.5079, 0.2572



0.7697, 0.4735, 0.2382

Previews

White Background



This preview shows how the Yxy color 52.5378, 0.2642, 0.2833 looks on a white background.

Color Contrast Check

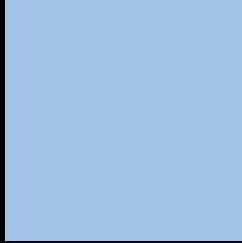
Large Text (above 18pt) WCAG AA × Fail

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 52.5378, 0.2642, 0.2833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

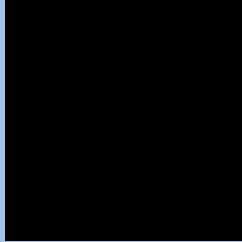
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

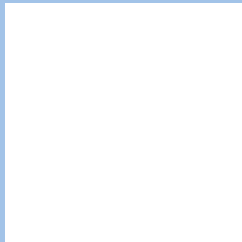
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5378, 0.2642, 0.2833

Background



This preview shows how black text looks on a background with the Yxy color 52.5378, 0.2642, 0.2833.



This preview shows how white text looks on a background with the Yxy color 52.5378, 0.2642, 0.2833.

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

52.5378, 0.2642, 0.2833

Protanopia

52.4956, 0.2804, 0.2834

Deuteranopia

52.3000, 0.2806, 0.2738



Tritanopia

52.5123, 0.2727, 0.3084

Trichromacy



Original Color

52.5378, 0.2642, 0.2833

Protanomaly

52.4704, 0.2743, 0.2840

Deuteranomaly

52.2938, 0.2744, 0.2775

Tritanomaly

52.5239, 0.2690, 0.2986

Monochromacy



Original Color

52.5378, 0.2642, 0.2833

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 52.5378, 0.2642, 0.2833 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, 195, 232)` looks like.

```
.text, #text, p{  
    color:rgb(162, 195, 232)  
}
```

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, 195, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 195, 232) }
```

Border

The CSS property to change the border of an element to Yxy 52.5378, 0.2642, 0.2833 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, 195, 232) }
```

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

```
.border{ border-color:rgb(162, 195, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 195, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 195, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 195, 232); box-shadow:4px 4px 4px 4px rgb(162, 195, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5378, 0.2642, 0.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 195, 232) }
```

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

```
.background{ background-color: rgb(162,  
195, 232) }
```

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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