

Converting Colors

$Yxy(52.8999, 0.2577, 0.2810)$

Have a look what the booklet for
Yxy(52.8999, 0.2577, 0.2810)
contains.

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Color

Yxy(52.9572, 0.2578, 0.2808)

Conversions

Conversions Part 1

Format	Color
Hex	9BC5EC
RGB	155, 197, 236
RGB Percent	61%, 77%, 93%
CMY	0.3923, 0.2274, 0.0745
CMYK	0.34, 0.17, 0.00, 0.07
HSL	209°, 68%, 77%
HSV	209°, 34%, 93%
XYZ	48.6195, 52.9572, 87.0173
YIQ	188.8880, -37.5510, 3.2250

Conversions

Conversions Part 2

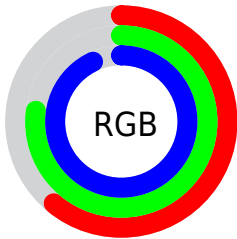
Format	Color
RYB	155, 183, 236
Decimal	10208748
CIELab	77.85, -4.65, -23.79
CIELCh	78, 24.240, 258.948
Yxy	52.9572, 0.2578, 0.2808
Android (android.graphics.Color)	4288398828 (0xFF9BC5EC)
YUV	188.8880, 23.2262, -29.7198
Hunter-Lab	72.7717, -8.0927, -19.9563

Details

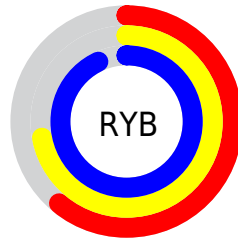
The Yxy color **52.9572, 0.2578, 0.2808** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.7655, 0.3790, 0.3725**, and the grayscale version is **50.7004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9525, 0.2865, 0.3279**, and **25.7069, 0.2439, 0.2677** is the 20% darker color. If you saturate the color by 10%, you get **45.8836, 0.2417, 0.2638**, and if you desaturate by 10%, it is **60.8797, 0.2741, 0.2965**.

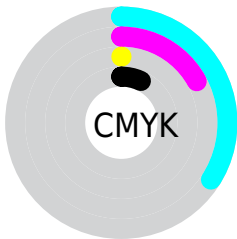
Distribution



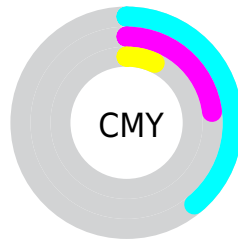
- Red (61%)
- Green (77%)
- Blue (93%)



- Red (61%)
- Yellow (72%)
- Blue (93%)



- Cyan (34%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (39%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9572, 0.2578, 0.2808 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 52.9572, 0.2578, 0.2808 by changing the saturation by 10% instead.

■ 52.9572, 0.2578,
0.2808

■ 52.9572, 0.2578,
0.2808

■ 398.1209, 0.2841,
0.3043

■ 37.7686, 0.2516,
0.2752

■ 94.5414, 0.2671,
0.2892

■ 25.8031, 0.2438,
0.2681

■ 121.7058, 0.2707,
0.2923

■ 16.6764, 0.2339,
0.2590

■ 153.6309, 0.2737,
0.2951

■ 10.0041, 0.2207,
0.2467

■ 190.7011, 0.2764,
0.2974

■ 5.4017, 0.2025,
0.2296

■ 233.3008, 0.2787,
0.2994

■ 2.4848, 0.1760,
0.2041

■ 281.8144, 0.2807,

■ 0.8690, 0.1343,

0.3012

0.1638

336.6263, 0.2825,
0.3028

0.0000, 0.0000,
0.0000

52.9572, 0.2578,
0.2808

52.9572, 0.2578,
0.2808

45.8836, 0.2417,
0.2638

60.8797, 0.2741,
0.2965

39.6175, 0.2264,
0.2458

69.6778, 0.2903,
0.3109

34.1228, 0.2123,
0.2271

79.3842, 0.3061,
0.3238

29.3571, 0.1999,
0.2081

90.0281, 0.3212,
0.3354

25.2724, 0.1896,
0.1893

98.0677, 0.3239,
0.3462

■ 21.8119, 0.1818,
0.1713

■ 98.8363, 0.3238,
0.3473

■ 20.0839, 0.1782,
0.1616

Harmonies

Analogous

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



52.9572, 0.2520, 0.2991



52.9572, 0.2578, 0.2808



52.9572, 0.2776, 0.2757

Triad

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



52.9572, 0.2578, 0.2808



52.9572, 0.3666, 0.3269



52.9572, 0.3151, 0.3809

Complementary

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



52.9572, 0.2578, 0.2808



58.7655, 0.3790, 0.3725

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.



52.9572, 0.3467, 0.3869



52.9572, 0.2578, 0.2808



52.9572, 0.3775, 0.3537

Square

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



52.9572, 0.2578, 0.2808



52.9572, 0.3405, 0.3018



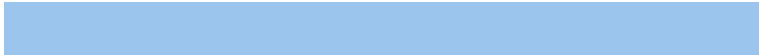
52.9572, 0.3699, 0.3760



52.9572, 0.2840, 0.3584

Rectangle

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



52.9572, 0.2578, 0.2808



52.9572, 0.2969, 0.2795



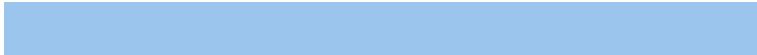
52.9572, 0.3699, 0.3760



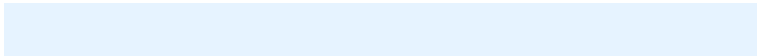
52.9572, 0.3260, 0.3849

Sweetspot

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



52.9593, 0.2578, 0.2808



87.8999, 0.2971, 0.3166



70.7988, 0.2869, 0.3825



18.4694, 0.2949, 0.3148



0.0000, 0.0000, 0.0000



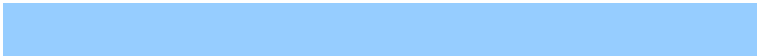
21.4041, 0.3127, 0.3290

Same Dimension

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



52.9593, 0.2578, 0.2808



57.2621, 0.2468, 0.2693



37.3635, 0.2511, 0.2298



15.8418, 0.2981, 0.3174



11.3314, 0.1790, 0.1643



1.0824, 0.1858, 0.1887

Inverse Universe

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



45.2978, 0.3518, 0.2826



47.6095, 0.3627, 0.2733



78.6477, 0.3653, 0.4120



15.1846, 0.3212, 0.3168



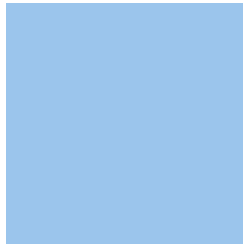
10.6367, 0.4877, 0.2460



0.8547, 0.4583, 0.2298

Previews

White Background



This preview shows how the Yxy color 52.9572, 0.2578, 0.2808 looks on a white background.

Color Contrast Check

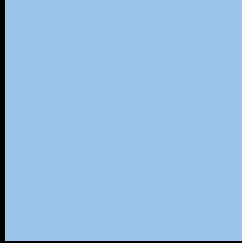
Large Text (above 18pt) WCAG AA × Fail

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 52.9572, 0.2578, 0.2808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

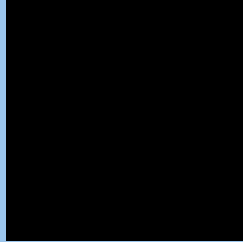
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

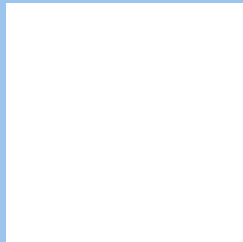
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9572, 0.2578, 0.2808

Background



This preview shows how black text looks on a background with the Yxy color 52.9572, 0.2578, 0.2808.



This preview shows how white text looks on a background with the Yxy color 52.9572, 0.2578, 0.2808.

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

52.9572, 0.2578, 0.2808

Protanopia

52.6637, 0.2785, 0.2801

Deuteranopia

52.7043, 0.2767, 0.2705



Tritanopia

52.7505, 0.2666, 0.3083

Trichromacy



Original Color

52.9572, 0.2578, 0.2808

Protanomaly

52.9074, 0.2706, 0.2806

Deuteranomaly

52.4900, 0.2693, 0.2739

Tritanomaly

52.8500, 0.2637, 0.2984

Monochromacy



Original Color

52.9572, 0.2578, 0.2808

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5026, 0.2909, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9572, 0.2578, 0.2808 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(155, 197, 236)` looks like.

```
.text, #text, p{  
    color:rgb(155, 197, 236)  
}
```

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(155, 197, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 197, 236) }
```

Border

The CSS property to change the border of an element to Yxy 52.9572, 0.2578, 0.2808 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(155, 197, 236) }
```

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

```
.border{ border-color:rgb(155, 197, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 197, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 197, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 197, 236); box-shadow:4px 4px 4px 4px rgb(155, 197, 236) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9572, 0.2578, 0.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 197, 236) }
```

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

```
.background{ background-color: rgb(155,  
197, 236) }
```

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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