

Converting Colors

Yxy(53.1511, 0.2720, 0.2991)

Have a look what the booklet for
Yxy(53.1511, 0.2720, 0.2991)
contains.

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Color

Yxy(53.0455, 0.2723, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	A4C5DD
RGB	164, 197, 221
RGB Percent	64%, 77%, 87%
CMY	0.3569, 0.2274, 0.1333
CMYK	0.26, 0.11, 0.00, 0.13
HSL	205°, 46%, 75%
HSV	205°, 26%, 87%
XYZ	48.3248, 53.0455, 76.0987
YIQ	189.8690, -27.3720, 0.4680

Conversions

Conversions Part 2

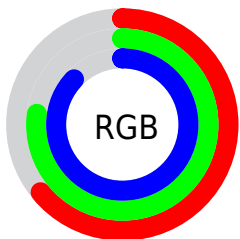
Format	Color
RYB	164, 185, 221
Decimal	10798557
CIELab	77.90, -5.68, -15.59
CIElCh	78, 16.591, 249.976
Yxy	53.0455, 0.2723, 0.2989
Android (android.graphics.Color)	4288988637 (0xFFA4C5DD)
YUV	189.8690, 15.3476, -22.6871
Hunter-Lab	72.8323, -9.0205, -10.9664

Details

The Yxy color **53.0455, 0.2723, 0.2989** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.0104, 0.3605, 0.3573**, and the grayscale version is **51.3348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3193, 0.2917, 0.3279**, and **25.7776, 0.2618, 0.2901** is the 20% darker color. If you saturate the color by 10%, you get **46.8027, 0.2565, 0.2852**, and if you desaturate by 10%, it is **59.9617, 0.2882, 0.3115**.

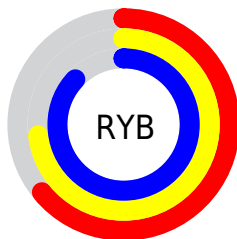
Distribution



Red (64%)

Green (77%)

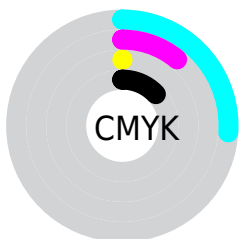
Blue (87%)



Red (64%)

Yellow (73%)

Blue (87%)

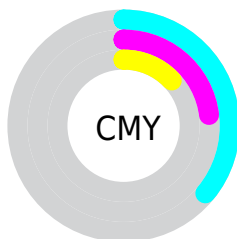


Cyan (26%)

Magenta (11%)

Yellow (0%)

Black (13%)



Cyan (36%)

Magenta (23%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0455, 0.2723, 0.2989 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 53.0455, 0.2723, 0.2989 by changing the saturation by 10% instead.

■ 53.0455, 0.2723,
0.2989

■ 53.0455, 0.2723,
0.2989

■ 398.4597, 0.2918,
0.3137

■ 37.8391, 0.2676,
0.2953

■ 94.6713, 0.2792,
0.3042

■ 25.8578, 0.2618,
0.2907

■ 121.8595, 0.2819,
0.3062

■ 16.7173, 0.2542,
0.2847

■ 153.8104, 0.2841,
0.3079

■ 10.0331, 0.2440,
0.2765

■ 190.9085, 0.2861,
0.3094

■ 5.4209, 0.2297,
0.2648

■ 233.5380, 0.2878,
0.3107

■ 2.4963, 0.2080,
0.2465

■ 282.0835, 0.2893,

■ 0.8748, 0.1706,

0.3118

0.2154

336.9292, 0.2906,
0.3128

0.0000, 0.0000,
0.0000

53.0455, 0.2723,
0.2989

53.0455, 0.2723,
0.2989

46.8027, 0.2565,
0.2852

59.9617, 0.2882,
0.3115

41.2012, 0.2413,
0.2704

67.5691, 0.3038,
0.3229

36.2152, 0.2269,
0.2547

75.8925, 0.3190,
0.3332

31.8144, 0.2139,
0.2385

84.9536, 0.3337,
0.3423

27.9649, 0.2027,
0.2220

90.8877, 0.3342,
0.3512

■ 24.6280, 0.1936,
0.2057

■ 96.6118, 0.3330,
0.3601

■ 21.7569, 0.1867,
0.1898

■ 98.0005, 0.3327,
0.3621

■ 20.6579, 0.1842,
0.1833

Harmonies

Analogous

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



53.0455, 0.2714, 0.3143



53.0455, 0.2723, 0.2989



53.0455, 0.2836, 0.2921

Triad

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



53.0455, 0.2723, 0.2989



53.0455, 0.3450, 0.3224



53.0455, 0.3215, 0.3664

Complementary

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



53.0455, 0.2723, 0.2989



54.0104, 0.3605, 0.3573

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.



53.0455, 0.3418, 0.3674



53.0455, 0.2723, 0.2989



53.0455, 0.3559, 0.3412

Square

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



53.0455, 0.2723, 0.2989



53.0455, 0.3253, 0.3056



53.0455, 0.3546, 0.3578



53.0455, 0.2993, 0.3542

Rectangle

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



53.0455, 0.2723, 0.2989



53.0455, 0.2957, 0.2928



53.0455, 0.3546, 0.3578



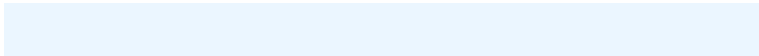
53.0455, 0.3288, 0.3680

Sweetspot

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



53.0476, 0.2723, 0.2989



90.9784, 0.3003, 0.3204



63.2246, 0.2946, 0.3710



19.1254, 0.2979, 0.3187



0.0000, 0.0000, 0.0000



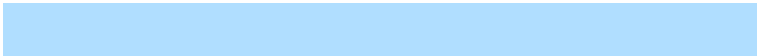
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0476, 0.2723, 0.2989



68.5451, 0.2637, 0.2915



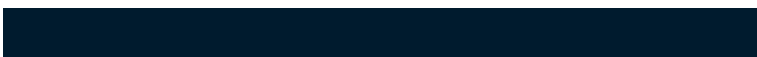
41.3901, 0.2689, 0.2619



13.8635, 0.2982, 0.3189



12.2291, 0.1849, 0.1857



0.9614, 0.1920, 0.2113

Inverse Universe

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



45.9501, 0.3365, 0.2908



57.5507, 0.3430, 0.2824



67.2924, 0.3528, 0.3883



13.1773, 0.3202, 0.3155



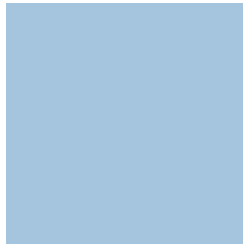
9.8583, 0.4618, 0.2318



0.6557, 0.4326, 0.2157

Previews

White Background



This preview shows how the Yxy color 53.0455, 0.2723, 0.2989 looks on a white background.

Color Contrast Check

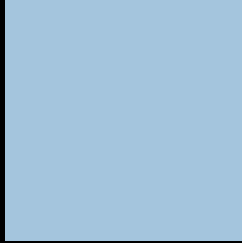
Large Text (above 18pt) WCAG AA × Fail

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 53.0455, 0.2723, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

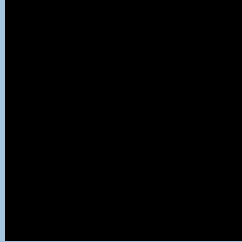
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

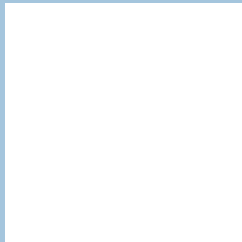
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0455, 0.2723, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 53.0455, 0.2723, 0.2989.



This preview shows how white text looks on a background with the Yxy color 53.0455, 0.2723, 0.2989.

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

53.0455, 0.2723, 0.2989

Protanopia

52.9627, 0.2916, 0.2976

Deuteranopia

52.6041, 0.2933, 0.2865



Tritanopia

53.0297, 0.2761, 0.3086

Trichromacy



Original Color

53.0455, 0.2723, 0.2989

Protanomaly

52.7856, 0.2843, 0.2983

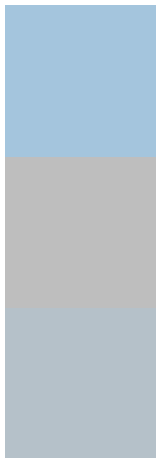
Deuteranomaly

52.7259, 0.2852, 0.2915

Tritanomaly

53.1845, 0.2742, 0.3050

Monochromacy



Original Color

53.0455, 0.2723, 0.2989

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.1807, 0.2975, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0455, 0.2723, 0.2989 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(164, 197, 221)` looks like.

```
.text, #text, p{  
    color:rgb(164, 197, 221)  
}
```

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(164, 197, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 197, 221) }
```

Border

The CSS property to change the border of an element to Yxy 53.0455, 0.2723, 0.2989 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(164, 197, 221) }
```

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

```
.border{ border-color:rgb(164, 197, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 197, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 197, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 197, 221);  
box-shadow:4px 4px 4px 4px rgb(164, 197,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0455, 0.2723, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 197, 221) }
```

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

```
.background{ background-color: rgb(164,  
197, 221) }
```

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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