

Converting Colors

Yxy(52.7717, 0.2697, 0.3023)

Have a look what the booklet for
Yxy(52.7717, 0.2697, 0.3023)
contains.

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Color

Yxy(52.7717, 0.2697, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	9EC6DB
RGB	158, 198, 219
RGB Percent	62%, 78%, 86%
CMY	0.3803, 0.2235, 0.1412
CMYK	0.28, 0.10, 0.00, 0.14
HSL	201°, 46%, 74%
HSV	201°, 28%, 86%
XYZ	47.0808, 52.7717, 74.7148
YIQ	188.4340, -30.5810, -1.9490

Conversions

Conversions Part 2

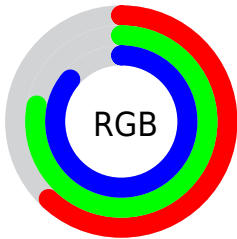
Format	Color
RYB	158, 182, 219
Decimal	10405595
CIELab	77.74, -8.44, -14.78
CIELCh	78, 17.023, 240.287
Yxy	52.7717, 0.2697, 0.3023
Android (android.graphics.Color)	4288595675 (0xFF9EC6DB)
YUV	188.4340, 15.0690, -26.6906
Hunter-Lab	72.6441, -11.4410, -10.1291

Details

The Yxy color **52.7717, 0.2697, 0.3023** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.7669, 0.3665, 0.3542**, and the grayscale version is **50.4765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **25.6301, 0.2586, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **47.3868, 0.2547, 0.2910**, and if you desaturate by 10%, it is **58.7280, 0.2851, 0.3127**.

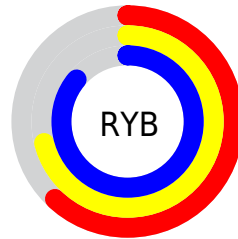
Distribution



Red (62%)

Green (78%)

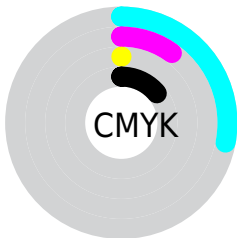
Blue (86%)



Red (62%)

Yellow (71%)

Blue (86%)

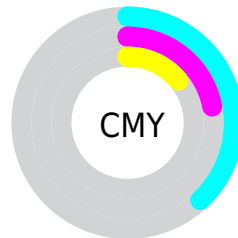


Cyan (28%)

Magenta (10%)

Yellow (0%)

Black (14%)



Cyan (38%)

Magenta (22%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7717, 0.2697, 0.3023 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 52.7717, 0.2697, 0.3023 by changing the saturation by 10% instead.

■ 52.7717, 0.2697,
0.3023

■ 52.7717, 0.2697,
0.3023

■ 397.4086, 0.2905,
0.3156

■ 37.6205, 0.2648,
0.2990

■ 94.2683, 0.2771,
0.3071

■ 25.6883, 0.2585,
0.2949

■ 121.3826, 0.2799,
0.3089

■ 16.5906, 0.2505,
0.2894

■ 153.2534, 0.2823,
0.3104

■ 9.9430, 0.2397,
0.2818

■ 190.2651, 0.2844,
0.3117

■ 5.3612, 0.2244,
0.2709

■ 232.8020, 0.2862,
0.3129

■ 2.4607, 0.2015,
0.2537

■ 281.2487, 0.2878,

■ 0.8569, 0.1593,

0.3139

0.2244

335.9894, 0.2892,
0.3148

0.0000, 0.0000,
0.0000

52.7717, 0.2697,
0.3023

52.7717, 0.2697,
0.3023

47.3868, 0.2547,
0.2910

58.7280, 0.2851,
0.3127

42.5435, 0.2405,
0.2790

65.2712, 0.3006,
0.3222

38.2184, 0.2274,
0.2663

72.4239, 0.3160,
0.3308

34.3835, 0.2159,
0.2532

80.2056, 0.3310,
0.3384

31.0072, 0.2062,
0.2399

86.1852, 0.3366,
0.3457

■ 28.0529, 0.1986,
0.2267

■ 90.6097, 0.3356,
0.3530

■ 25.4701, 0.1930,
0.2137

■ 95.2195, 0.3345,
0.3601

■ 24.9459, 0.1919,
0.2109

■ 97.8940, 0.3340,
0.3641

Harmonies

Analogous

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



52.7717, 0.2724, 0.3203



52.7717, 0.2697, 0.3023



52.7717, 0.2780, 0.2923

Triad

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



52.7717, 0.2697, 0.3023



52.7717, 0.3401, 0.3162



52.7717, 0.3290, 0.3691

Complementary

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



52.7717, 0.2697, 0.3023



49.7669, 0.3665, 0.3542

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.



52.7717, 0.3480, 0.3664



52.7717, 0.2697, 0.3023



52.7717, 0.3548, 0.3353

Square

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



52.7717, 0.2697, 0.3023



52.7717, 0.3182, 0.3006



52.7717, 0.3576, 0.3536



52.7717, 0.3061, 0.3601

Rectangle

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



52.7717, 0.2697, 0.3023



52.7717, 0.2888, 0.2909



52.7717, 0.3576, 0.3536



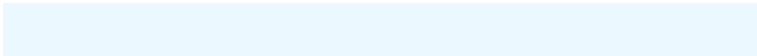
52.7717, 0.3360, 0.3695

Sweetspot

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



52.7738, 0.2697, 0.3023



91.9361, 0.3003, 0.3220



61.1561, 0.2964, 0.3816



19.3670, 0.2980, 0.3206



0.0000, 0.0000, 0.0000



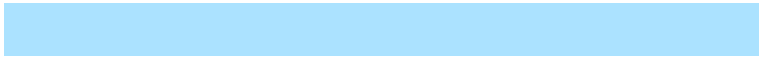
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7738, 0.2697, 0.3023



70.2747, 0.2615, 0.2963



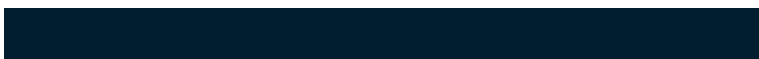
40.4537, 0.2657, 0.2626



14.0357, 0.2982, 0.3208



15.0046, 0.1925, 0.2129



1.1302, 0.1983, 0.2340

Inverse Universe

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



43.5933, 0.3345, 0.2824



55.8223, 0.3400, 0.2731



63.0437, 0.3575, 0.3876



13.1947, 0.3190, 0.3138



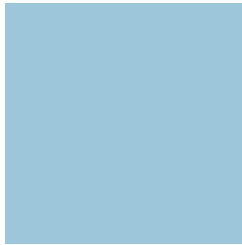
10.1385, 0.4310, 0.2148



0.6728, 0.4085, 0.2024

Previews

White Background



This preview shows how the Yxy color 52.7717, 0.2697, 0.3023 looks on a white background.

Color Contrast Check

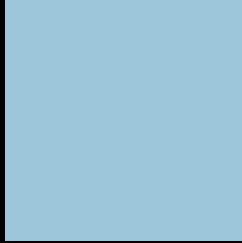
Large Text (above 18pt) WCAG AA × Fail

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 52.7717, 0.2697, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

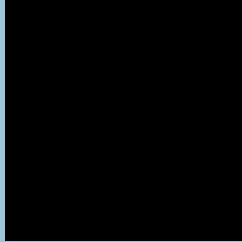
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7717, 0.2697, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 52.7717, 0.2697, 0.3023.



This preview shows how white text looks on a background with the Yxy color 52.7717, 0.2697, 0.3023.

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

52.7717, 0.2697, 0.3023

Protanopia

52.3733, 0.2936, 0.2998

Deuteranopia

52.4969, 0.2948, 0.2888



Tritanopia

52.9212, 0.2716, 0.3085

Trichromacy



Original Color

52.7717, 0.2697, 0.3023

Protanomaly

52.4449, 0.2842, 0.3005

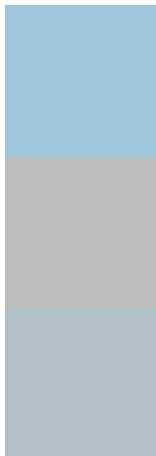
Deuteranomaly

52.3740, 0.2851, 0.2937

Tritanomaly

52.9728, 0.2710, 0.3072

Monochromacy



Original Color

52.7717, 0.2697, 0.3023

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.1699, 0.2958, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7717, 0.2697, 0.3023 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(158, 198, 219)` looks like.

```
.text, #text, p{  
    color:rgb(158, 198, 219)  
}
```

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(158, 198, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 198, 219) }
```

Border

The CSS property to change the border of an element to Yxy 52.7717, 0.2697, 0.3023 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(158, 198, 219) }
```

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

```
.border{ border-color:rgb(158, 198, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 198, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 198, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 198, 219); box-shadow:4px 4px 4px 4px rgb(158, 198, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7717, 0.2697, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 198, 219) }
```

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

```
.background{ background-color: rgb(158,  
198, 219) }
```

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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