

Converting Colors

$Yxy(53.7578, 0.2675, 0.3060)$

Have a look what the booklet for
Yxy(53.7578, 0.2675, 0.3060)
contains.

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Color

Yxy(53.7578, 0.2675, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	9AC9DB
RGB	154, 201, 219
RGB Percent	60%, 79%, 86%
CMY	0.3963, 0.2117, 0.1411
CMYK	0.30, 0.08, 0.00, 0.14
HSL	197°, 47%, 73%
HSV	197°, 30%, 86%
XYZ	46.9942, 53.7578, 74.9271
YIQ	188.9990, -33.7900, -4.3660

Conversions

Conversions Part 2

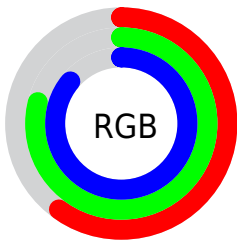
Format	Color
RYB	154, 181, 219
Decimal	10144219
CIELab	78.32, -11.18, -13.95
CIELCh	78, 17.879, 231.288
Yxy	53.7578, 0.2675, 0.3060
Android (android.graphics.Color)	4288334299 (0xFF9AC9DB)
YUV	188.9990, 14.7905, -30.6941
Hunter-Lab	73.3197, -13.9002, -9.2660

Details

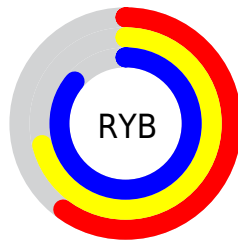
The Yxy color **53.7578, 0.2675, 0.3060** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.8838, 0.3725, 0.3508**, and the grayscale version is **50.8134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **26.3145, 0.2562, 0.2996** is the 20% darker color. If you saturate the color by 10%, you get **49.0337, 0.2532, 0.2969**, and if you desaturate by 10%, it is **58.9897, 0.2825, 0.3144**.

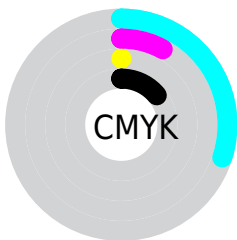
Distribution



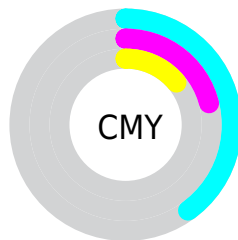
- Red (60%)
- Green (79%)
- Blue (86%)



- Red (60%)
- Yellow (71%)
- Blue (86%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (40%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7578, 0.2675, 0.3060 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 53.7578, 0.2675, 0.3060 by changing the saturation by 10% instead.

■ 53.7578, 0.2675,
0.3060

■ 53.7578, 0.2675,
0.3060

401.1858, 0.2892,
0.3175

■ 38.4081, 0.2623,
0.3031

■ 95.7185, 0.2752,
0.3102

■ 26.2995, 0.2559,
0.2995

■ 123.0983, 0.2781,
0.3117

■ 17.0479, 0.2475,
0.2947

155.2569, 0.2807,
0.3131

■ 10.2686, 0.2364,
0.2880

192.5787, 0.2828,
0.3142

■ 5.5774, 0.2207,
0.2783

235.4481, 0.2847,
0.3152

■ 2.5899, 0.1973,
0.2628

284.2495, 0.2864,

■ 0.9216, 0.1545,

0.3161

0.2363

339.3672, 0.2879,
0.3168

0.0000, 0.0000,
0.0000

53.7578, 0.2675,
0.3060

53.7578, 0.2675,
0.3060

49.0337, 0.2532,
0.2969

58.9897, 0.2825,
0.3144

44.7883, 0.2400,
0.2873

64.7441, 0.2978,
0.3222

40.9992, 0.2281,
0.2772

71.0425, 0.3132,
0.3292

37.6390, 0.2179,
0.2669

77.9035, 0.3284,
0.3355

34.6766, 0.2096,
0.2564

83.7039, 0.3372,
0.3413

■ 32.0756, 0.2034,
0.2459

■ 87.1618, 0.3364,
0.3473

■ 29.7740, 0.1988,
0.2356

■ 90.7383, 0.3355,
0.3531

■ 29.7087, 0.1987,
0.2353

■ 94.4347, 0.3347,
0.3589

■ 97.8953, 0.3339,
0.3641

Harmonies

Analogous

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



53.7578, 0.2737, 0.3265



53.7578, 0.2675, 0.3060



53.7578, 0.2728, 0.2928

Triad

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



53.7578, 0.2675, 0.3060



53.7578, 0.3350, 0.3102



53.7578, 0.3363, 0.3713

Complementary

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



53.7578, 0.2675, 0.3060



46.8838, 0.3725, 0.3508

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.



53.7578, 0.3538, 0.3649



53.7578, 0.2675, 0.3060



53.7578, 0.3532, 0.3294

Square

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



53.7578, 0.2675, 0.3060



53.7578, 0.3111, 0.2958



53.7578, 0.3601, 0.3493



53.7578, 0.3129, 0.3656

Rectangle

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



53.7578, 0.2675, 0.3060



53.7578, 0.2822, 0.2894



53.7578, 0.3601, 0.3493



53.7578, 0.3431, 0.3705

Sweetspot

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



53.7599, 0.2675, 0.3060



91.9189, 0.2987, 0.3226



60.4888, 0.2980, 0.3916



19.4077, 0.2965, 0.3216



0.0000, 0.0000, 0.0000



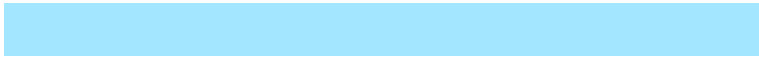
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7599, 0.2675, 0.3060



71.3971, 0.2580, 0.3001



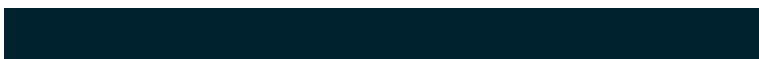
40.4079, 0.2628, 0.2634



14.1886, 0.2982, 0.3224



17.8054, 0.1991, 0.2369



1.2952, 0.2038, 0.2537

Inverse Universe

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



42.3768, 0.3323, 0.2744



53.2160, 0.3379, 0.2621



60.5015, 0.3620, 0.3870



13.2102, 0.3180, 0.3122



10.4212, 0.4055, 0.2007



0.6894, 0.3886, 0.1914

Previews

White Background



This preview shows how the Yxy color 53.7578, 0.2675, 0.3060 looks on a white background.

Color Contrast Check

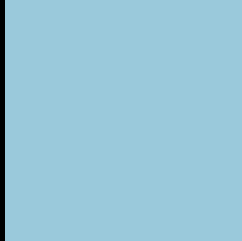
Large Text (above 18pt) WCAG AA × Fail

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 53.7578, 0.2675, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

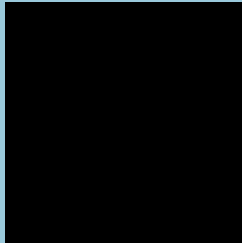
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7578, 0.2675, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 53.7578, 0.2675, 0.3060.



This preview shows how white text looks on a background with the Yxy color 53.7578, 0.2675, 0.3060.

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

53.7578, 0.2675, 0.3060

Protanopia

53.5797, 0.2966, 0.3036

Deuteranopia

53.2461, 0.2956, 0.2890



Tritanopia

53.6531, 0.2687, 0.3085

Trichromacy



Original Color

53.7578, 0.2675, 0.3060

Protanomaly

53.4015, 0.2857, 0.3043

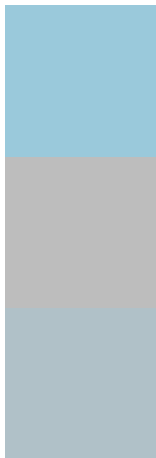
Deuteranomaly

53.3055, 0.2845, 0.2950

Tritanomaly

53.7053, 0.2681, 0.3072

Monochromacy



Original Color

53.7578, 0.2675, 0.3060

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5402, 0.2943, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7578, 0.2675, 0.3060 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(154, 201, 219)` looks like.

```
.text, #text, p{  
    color:rgb(154, 201, 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(154, 201, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 201, 219) }
```

Border

The CSS property to change the border of an element to Yxy 53.7578, 0.2675, 0.3060 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(154, 201, 219) }
```

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

```
.border{ border-color:rgb(154, 201, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 201, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 201, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 201, 219); box-shadow:4px 4px 4px 4px rgb(154, 201, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7578, 0.2675, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 201, 219) }
```

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

```
.background{ background-color: rgb(154,  
201, 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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