

Converting Colors

$Y_{xy}(40.1880, 0.2673, 0.2954)$

Have a look what the booklet for
Yxy(40.1880, 0.2673, 0.2954)
contains.

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Color

Yxy(40.3126, 0.2673, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	8CAFC6
RGB	140, 175, 198
RGB Percent	55%, 69%, 78%
CMY	0.4509, 0.3137, 0.2234
CMYK	0.29, 0.12, 0.00, 0.22
HSL	204°, 34%, 66%
HSV	204°, 29%, 78%
XYZ	36.3425, 40.3126, 59.3064
YIQ	167.1570, -28.2430, -0.2670

Conversions

Conversions Part 2

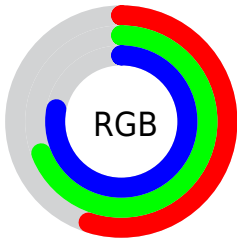
Format	Color
RYB	140, 162, 198
Decimal	9220038
CIELab	69.69, -6.45, -15.59
CIElCh	70, 16.873, 247.514
Yxy	40.3126, 0.2673, 0.2965
Android (android.graphics.Color)	4287410118 (0xFF8CAFC6)
YUV	167.1570, 15.2056, -23.8167
Hunter-Lab	63.4922, -8.9391, -10.9367

Details

The Yxy color **40.3126, 0.2673, 0.2965** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1146, 0.3685, 0.3593**, and the grayscale version is **38.6617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9739, 0.2757, 0.3030**, and **18.2542, 0.2544, 0.2877** is the 20% darker color. If you saturate the color by 10%, you get **35.7740, 0.2520, 0.2833**, and if you desaturate by 10%, it is **45.3422, 0.2829, 0.3086**.

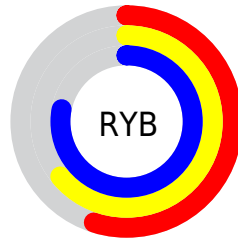
Distribution



Red (55%)

Green (69%)

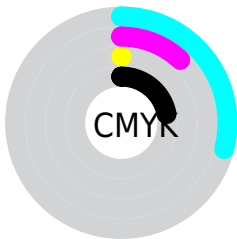
Blue (78%)



Red (55%)

Yellow (64%)

Blue (78%)

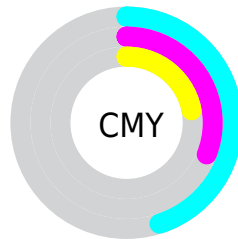


Cyan (29%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (45%)


Magenta (31%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.3126, 0.2673, 0.2965 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 40.3126, 0.2673, 0.2965 by changing the saturation by 10% instead.


 40.3126, 0.2673,
0.2965


 40.3126, 0.2673,
0.2965

347.4394, 0.2902,
0.3133


 27.7824, 0.2615,
0.2922


 75.6393, 0.2757,
0.3027

 18.1617, 0.2541,
0.2865


 99.2045, 0.2788,
0.3050

 11.0661, 0.2443,
0.2789


 127.2169, 0.2814,
0.3069

 6.1113, 0.2305,
0.2680

160.0608, 0.2837,
0.3086

 2.9129, 0.2100,
0.2513

198.1206, 0.2856,
0.3100

 1.0864, 0.1770,
0.2230

241.7807, 0.2874,

 0.0000, 0.0000,

0.3112

0.0000

291.4255, 0.2889,
0.3123

■ 40.3126, 0.2673,
0.2965

■ 40.3126, 0.2673,
0.2965

■ 35.7740, 0.2520,
0.2833

■ 45.3422, 0.2829,
0.3086

■ 31.7018, 0.2373,
0.2693

■ 50.8763, 0.2985,
0.3197

■ 28.0766, 0.2238,
0.2545

■ 56.9336, 0.3138,
0.3297

■ 24.8750, 0.2117,
0.2392

■ 63.5304, 0.3286,
0.3386

■ 22.0707, 0.2015,
0.2238

■ 70.6823, 0.3428,
0.3465

■ 19.6333, 0.1935,
0.2086

■ 77.6695, 0.3534,
0.3537

■ 17.5120, 0.1873,
0.1938

■ 81.9478, 0.3517,
0.3614

■ 17.3696, 0.1869,
0.1927

■ 86.4234, 0.3500,
0.3690

■ 91.0989, 0.3484,
0.3764

Harmonies

Analogous

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



40.3126, 0.2673, 0.3142



40.3126, 0.2673, 0.2965



40.3126, 0.2789, 0.2882

Triad

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



40.3126, 0.2673, 0.2965



40.3126, 0.3472, 0.3199



40.3126, 0.3244, 0.3714

Complementary

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



40.3126, 0.2673, 0.2965



40.1146, 0.3685, 0.3593

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.



40.3126, 0.3467, 0.3714



40.3126, 0.2673, 0.2965



40.3126, 0.3604, 0.3408

Square

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



40.3126, 0.2673, 0.2965



40.3126, 0.3247, 0.3018



40.3126, 0.3601, 0.3597



40.3126, 0.2996, 0.3588

Rectangle

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



40.3126, 0.2673, 0.2965



40.3126, 0.2919, 0.2885



40.3126, 0.3601, 0.3597



40.3126, 0.3324, 0.3729

Sweetspot

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



40.3142, 0.2673, 0.2965



90.2281, 0.2987, 0.3199



48.5946, 0.2938, 0.3801



18.9901, 0.2964, 0.3183



0.0000, 0.0000, 0.0000



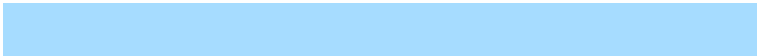
21.4041, 0.3127, 0.3290

Same Dimension

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



40.3142, 0.2673, 0.2965



66.2597, 0.2577, 0.2884



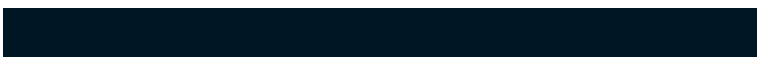
30.4566, 0.2628, 0.2548



11.3335, 0.2984, 0.3196



11.4637, 0.1874, 0.1947



0.6815, 0.1960, 0.2257

Inverse Universe

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



33.8660, 0.3389, 0.2840



53.5861, 0.3463, 0.2741



51.2775, 0.3587, 0.3937



10.7425, 0.3197, 0.3152



8.6973, 0.4513, 0.2260



0.4258, 0.4171, 0.2071

Previews

White Background



This preview shows how the Yxy color 40.3126, 0.2673, 0.2965 looks on a white background.

Color Contrast Check

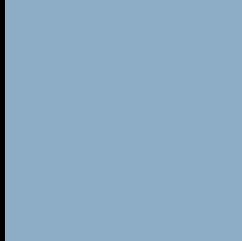
Large Text (above 18pt) WCAG AA × Fail

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 40.3126, 0.2673, 0.2965 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

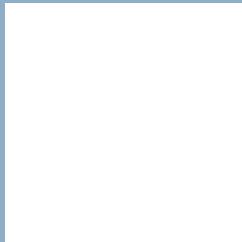
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.3126, 0.2673, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 40.3126, 0.2673, 0.2965.



This preview shows how white text looks on a background with the Yxy color 40.3126, 0.2673, 0.2965.

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

40.3126, 0.2673, 0.2965

Protanopia

40.0073, 0.2899, 0.2938

Deuteranopia

40.2132, 0.2902, 0.2841



Tritanopia

40.1716, 0.2714, 0.3088

Trichromacy



Original Color

40.3126, 0.2673, 0.2965

Protanomaly

40.2340, 0.2819, 0.2960

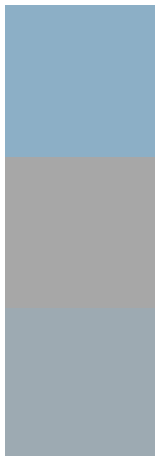
Deuteranomaly

39.9730, 0.2812, 0.2883

Tritanomaly

40.3899, 0.2701, 0.3047

Monochromacy



Original Color

40.3126, 0.2673, 0.2965

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.1319, 0.2948, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3126, 0.2673, 0.2965 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(140, 175, 198)` looks like.

```
.text, #text, p{  
    color:rgb(140, 175, 198)  
}
```

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(140, 175, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 175, 198) }
```

Border

The CSS property to change the border of an element to Yxy 40.3126, 0.2673, 0.2965 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(140, 175, 198) }
```

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

```
.border{ border-color:rgb(140, 175, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 175, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 175, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 175, 198);  
box-shadow:4px 4px 4px 4px rgb(140, 175,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3126, 0.2673, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 175, 198) }
```

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

```
.background{ background-color: rgb(140,  
175, 198) }
```

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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