

Converting Colors

$Yxy(41.9111, 0.2691, 0.3115)$

Have a look what the booklet for
Yxy(41.9111, 0.2691, 0.3115)
contains.

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Color

Yxy(41.7270, 0.2685, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	88B4C1
RGB	136, 180, 193
RGB Percent	53%, 71%, 76%
CMY	0.4669, 0.2941, 0.2431
CMYK	0.30, 0.07, 0.00, 0.24
HSL	194°, 32%, 65%
HSV	194°, 30%, 76%
XYZ	36.0944, 41.7270, 56.6084
YIQ	168.3260, -30.3970, -5.2850

Conversions

Conversions Part 2

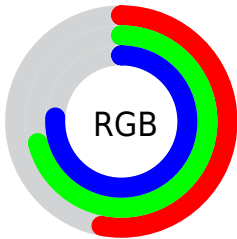
Format	Color
RYB	136, 161, 193
Decimal	8959169
CIELab	70.68, -11.55, -11.37
CIElCh	71, 16.206, 224.539
Yxy	41.7270, 0.2685, 0.3104
Android (android.graphics.Color)	4287149249 (0xFF88B4C1)
YUV	168.3260, 12.1643, -28.3499
Hunter-Lab	64.5964, -13.3038, -6.7406

Details

The Yxy color **41.7270, 0.2685, 0.3104** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.5918, 0.3726, 0.3468**, and the grayscale version is **39.2728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9068, 0.2771, 0.3147**, and **18.9276, 0.2562, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **38.5093, 0.2547, 0.3031**, and if you desaturate by 10%, it is **45.2953, 0.2831, 0.3172**.

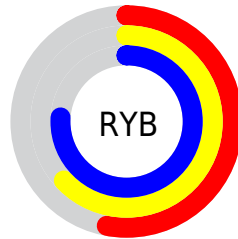
Distribution



Red (53%)

Green (71%)

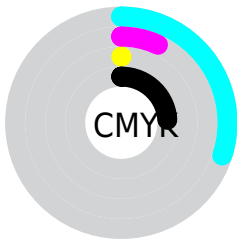
Blue (76%)



Red (53%)

Yellow (63%)

Blue (76%)

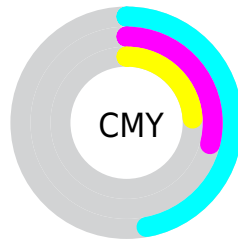


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7270, 0.2685, 0.3104 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 41.7270, 0.2685, 0.3104 by changing the saturation by 10% instead.

■ 41.7270, 0.2685,
0.3104

■ 41.7270, 0.2685,
0.3104

■ 353.3500, 0.2907,
0.3202

■ 28.8876, 0.2630,
0.3078

■ 77.7863, 0.2766,
0.3141

■ 18.9958, 0.2558,
0.3044

■ 101.7749, 0.2796,
0.3154

■ 11.6672, 0.2463,
0.2997

■ 130.2488, 0.2822,
0.3165

■ 6.5175, 0.2331,
0.2929

■ 163.5923, 0.2844,
0.3175

■ 3.1622, 0.2136,
0.2821

■ 202.1897, 0.2863,
0.3183

■ 1.2170, 0.1819,
0.2629

■ 246.4256, 0.2879,

■ 0.0755, 0.0000,

0.3190

0.0793

296.6842, 0.2894,
0.3196

0.0000, 0.0000,
0.0000

41.7270, 0.2685,
0.3104

41.7270, 0.2685,
0.3104

38.5093, 0.2547,
0.3031

45.2953, 0.2831,
0.3172

35.6211, 0.2421,
0.2953

49.2241, 0.2981,
0.3235

33.0463, 0.2309,
0.2873

53.5291, 0.3134,
0.3292

30.7655, 0.2213,
0.2790

58.2234, 0.3286,
0.3344

28.7565, 0.2137,
0.2706

63.3197, 0.3436,
0.3390

■ 26.9934, 0.2080,
0.2622

■ 68.8297, 0.3581,
0.3431

■ 25.4283, 0.2039,
0.2539

■ 71.5916, 0.3596,
0.3474

■ 25.3621, 0.2038,
0.2536

■ 73.8028, 0.3586,
0.3519

■ 76.0741, 0.3575,
0.3563

Harmonies

Analogous

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



41.7270, 0.2771, 0.3316



41.7270, 0.2685, 0.3104



41.7270, 0.2712, 0.2954

Triad

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



41.7270, 0.2685, 0.3104



41.7270, 0.3296, 0.3067



41.7270, 0.3406, 0.3703

Complementary

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



41.7270, 0.2685, 0.3104



34.5918, 0.3726, 0.3468

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.



41.7270, 0.3557, 0.3616



41.7270, 0.2685, 0.3104



41.7270, 0.3494, 0.3249

Square

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



41.7270, 0.2685, 0.3104



41.7270, 0.3057, 0.2940



41.7270, 0.3591, 0.3448



41.7270, 0.3183, 0.3674

Rectangle

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



41.7270, 0.2685, 0.3104



41.7270, 0.2790, 0.2905



41.7270, 0.3591, 0.3448



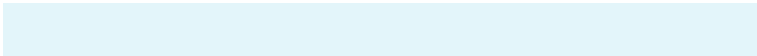
41.7270, 0.3467, 0.3686

Sweetspot

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



41.7287, 0.2685, 0.3104



88.4638, 0.2988, 0.3238



45.5218, 0.3002, 0.3951



18.7471, 0.2965, 0.3229



97.7402, 0.3127, 0.3290



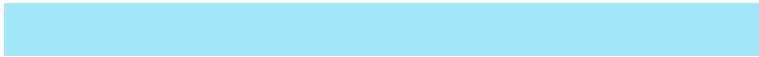
20.4902, 0.3127, 0.3290

Same Dimension

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



41.7287, 0.2685, 0.3104



71.2056, 0.2601, 0.3061



31.5746, 0.2640, 0.2687



11.0268, 0.2984, 0.3236



16.9920, 0.2041, 0.2546



0.8319, 0.2092, 0.2731

Inverse Universe

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



32.2283, 0.3291, 0.2717



52.0118, 0.3332, 0.2600



44.4966, 0.3623, 0.3827



10.2070, 0.3172, 0.3114



8.9976, 0.3876, 0.1909



0.3986, 0.3699, 0.1811

Previews

White Background



This preview shows how the Yxy color 41.7270, 0.2685, 0.3104 looks on a white background.

Color Contrast Check

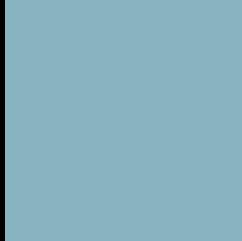
Large Text (above 18pt) WCAG AA × Fail

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 41.7270, 0.2685, 0.3104 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

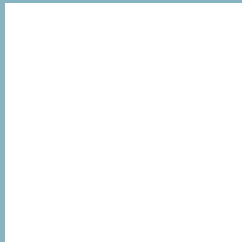
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7270, 0.2685, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 41.7270, 0.2685, 0.3104.



This preview shows how white text looks on a background with the Yxy color 41.7270, 0.2685, 0.3104.

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

41.7270, 0.2685, 0.3104

Protanopia

41.3716, 0.2997, 0.3074

Deuteranopia

41.4558, 0.2985, 0.2924



Tritanopia

41.7718, 0.2679, 0.3090

Trichromacy



Original Color

41.7270, 0.2685, 0.3104

Protanomaly

41.2153, 0.2873, 0.3082

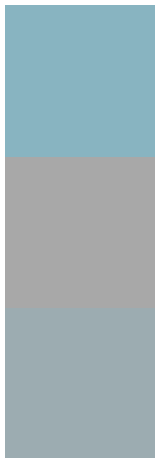
Deuteranomaly

41.2317, 0.2868, 0.2978

Tritanomaly

41.7718, 0.2679, 0.3090

Monochromacy



Original Color

41.7270, 0.2685, 0.3104

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.7473, 0.2947, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7270, 0.2685, 0.3104 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(136, 180, 193)` looks like.

```
.text, #text, p{  
    color:rgb(136, 180, 193)  
}
```

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(136, 180, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 180, 193) }
```

Border

The CSS property to change the border of an element to Yxy 41.7270, 0.2685, 0.3104 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(136, 180, 193) }
```

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

```
.border{ border-color:rgb(136, 180, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 180, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 180, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 180, 193);  
box-shadow:4px 4px 4px 4px rgb(136, 180,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7270, 0.2685, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 180, 193) }
```

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

```
.background{ background-color: rgb(136,  
180, 193) }
```

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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