

Converting Colors

$Y_{xy}(41.3105, 0.2681, 0.3122)$

Have a look what the booklet for
Yxy(41.3105, 0.2681, 0.3122)
contains.

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Color

Yxy(41.4724, 0.2685, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	86B4BF
RGB	134, 180, 191
RGB Percent	53%, 71%, 75%
CMY	0.4742, 0.2942, 0.2510
CMYK	0.30, 0.06, 0.00, 0.25
HSL	192°, 31%, 64%
HSV	192°, 30%, 75%
XYZ	35.5648, 41.4724, 55.4202
YIQ	167.5000, -30.9470, -6.3310

Conversions

Conversions Part 2

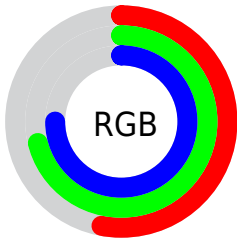
Format	Color
RYB	134, 159, 191
Decimal	8828095
CIELab	70.51, -12.57, -10.54
CIELCh	71, 16.402, 219.976
Yxy	41.4724, 0.2685, 0.3131
Android (android.graphics.Color)	4287018175 (0xFF86B4BF)
YUV	167.5000, 11.5855, -29.3795
Hunter-Lab	64.3991, -14.1206, -5.9441

Details

The Yxy color **41.4724, 0.2685, 0.3131** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.0756, 0.3740, 0.3443**, and the grayscale version is **38.8612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5251, 0.2770, 0.3168**, and **18.8076, 0.2554, 0.3067** is the 20% darker color. If you saturate the color by 10%, you get **38.5711, 0.2551, 0.3069**, and if you desaturate by 10%, it is **44.7003, 0.2828, 0.3189**.

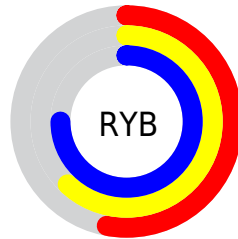
Distribution



Red (53%)

Green (71%)

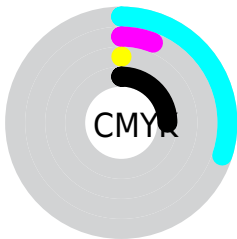
Blue (75%)



Red (53%)

Yellow (62%)

Blue (75%)

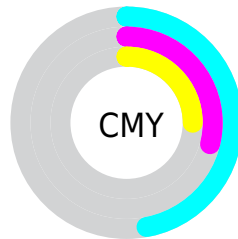


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (29%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4724, 0.2685, 0.3131 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 41.4724, 0.2685, 0.3131 by changing the saturation by 10% instead.

■ 41.4724, 0.2685,
0.3131

■ 41.4724, 0.2685,
0.3131

352.2911, 0.2907,
0.3215

■ 28.6884, 0.2629,
0.3108

■ 77.4005, 0.2766,
0.3163

■ 18.8452, 0.2558,
0.3079

■ 101.3134, 0.2796,
0.3174

■ 11.5585, 0.2462,
0.3037

■ 129.7047, 0.2822,
0.3184

■ 6.4438, 0.2330,
0.2976

162.9588, 0.2844,
0.3192

■ 3.1168, 0.2132,
0.2880

201.4601, 0.2863,
0.3199

■ 1.1930, 0.1810,
0.2704

245.5930, 0.2879,

■ 0.0560, 0.0000,

0.3205

0.0656

295.7419, 0.2894,
0.3211

0.0000, 0.0000,
0.0000

41.4724, 0.2685,
0.3131

41.4724, 0.2685,
0.3131

38.5711, 0.2551,
0.3069

44.7003, 0.2828,
0.3189

35.9758, 0.2428,
0.3004

48.2642, 0.2978,
0.3242

33.6711, 0.2321,
0.2936

52.1793, 0.3130,
0.3291

31.6383, 0.2231,
0.2867

56.4581, 0.3283,
0.3335

29.8559, 0.2160,
0.2797

61.1128, 0.3434,
0.3374

■ 28.2986, 0.2108,
0.2727

■ 66.1548, 0.3582,
0.3409

■ 26.9181, 0.2072,
0.2658

■ 69.0915, 0.3624,
0.3445

■ 26.8920, 0.2071,
0.2656

■ 70.8895, 0.3615,
0.3482

■ 72.7296, 0.3605,
0.3520

Harmonies

Analogous

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



41.4724, 0.2788, 0.3351



41.4724, 0.2685, 0.3131



41.4724, 0.2694, 0.2967

Triad

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



41.4724, 0.2685, 0.3131



41.4724, 0.3262, 0.3040



41.4724, 0.3439, 0.3703

Complementary

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



41.4724, 0.2685, 0.3131



33.0756, 0.3740, 0.3443

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.



41.4724, 0.3577, 0.3598



41.4724, 0.2685, 0.3131



41.4724, 0.3474, 0.3218

Square

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



41.4724, 0.2685, 0.3131



41.4724, 0.3020, 0.2923



41.4724, 0.3591, 0.3420



41.4724, 0.3220, 0.3692

Rectangle

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



41.4724, 0.2685, 0.3131



41.4724, 0.2763, 0.2907



41.4724, 0.3591, 0.3420



41.4724, 0.3497, 0.3679

Sweetspot

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



41.4741, 0.2685, 0.3131



86.8865, 0.2988, 0.3246



44.3651, 0.3014, 0.3986



18.8630, 0.2966, 0.3238



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.



41.4741, 0.2685, 0.3131



70.7015, 0.2593, 0.3090



31.3244, 0.2639, 0.2711



10.4874, 0.2985, 0.3245



17.7858, 0.2074, 0.2666



0.7786, 0.2120, 0.2831

Inverse Universe

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



31.4412, 0.3272, 0.2689



50.1157, 0.3313, 0.2552



42.6763, 0.3634, 0.3808



9.6638, 0.3166, 0.3107



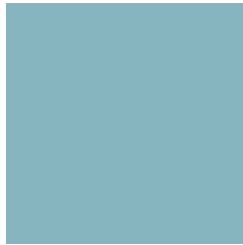
8.8252, 0.3761, 0.1845



0.3540, 0.3606, 0.1760

Previews

White Background



This preview shows how the Yxy color 41.4724, 0.2685, 0.3131 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 41.4724, 0.2685, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

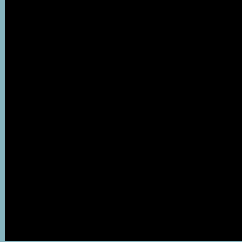
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

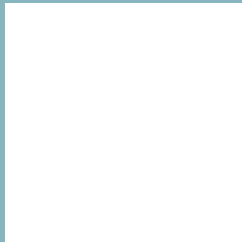
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4724, 0.2685, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 41.4724, 0.2685, 0.3131.



This preview shows how white text looks on a background with the Yxy color 41.4724, 0.2685, 0.3131.

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

41.4724, 0.2685, 0.3131

Protanopia

41.2865, 0.3013, 0.3101

Deuteranopia

40.9975, 0.3001, 0.2936



Tritanopia

41.6885, 0.2672, 0.3090

Trichromacy



Original Color

41.4724, 0.2685, 0.3131

Protanomaly

41.1291, 0.2888, 0.3109

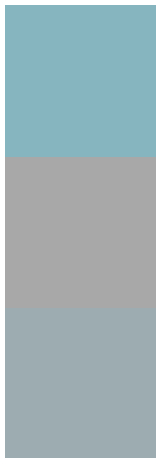
Deuteranomaly

41.0367, 0.2875, 0.3004

Tritanomaly

41.6437, 0.2678, 0.3104

Monochromacy



Original Color

41.4724, 0.2685, 0.3131

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.7076, 0.2955, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4724, 0.2685, 0.3131 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(134, 180, 191)` looks like.

```
.text, #text, p{  
    color:rgb(134, 180, 191)  
}
```

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(134, 180, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 180, 191) }
```

Border

The CSS property to change the border of an element to Yxy 41.4724, 0.2685, 0.3131 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(134, 180, 191) }
```

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

```
.border{ border-color:rgb(134, 180, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 180, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 180, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 180, 191);  
box-shadow:4px 4px 4px 4px rgb(134, 180,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4724, 0.2685, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 180, 191) }
```

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

```
.background{ background-color: rgb(134,  
180, 191) }
```

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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