

Converting Colors

$Y_{xy}(41.9680, 0.2788, 0.2906)$

Have a look what the booklet for
Yxy(41.9680, 0.2788, 0.2906)
contains.

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Color

Yxy(42.0575, 0.2788, 0.2901)

Conversions

Conversions Part 1

Format	Color
Hex	A0AECB
RGB	160, 174, 203
RGB Percent	63%, 68%, 80%
CMY	0.3724, 0.3177, 0.2038
CMYK	0.21, 0.14, 0.00, 0.20
HSL	221°, 29%, 71%
HSV	221°, 21%, 80%
XYZ	40.4193, 42.0575, 62.4991
YIQ	173.1200, -17.6530, 6.0510

Conversions

Conversions Part 2

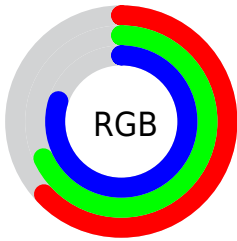
Format	Color
RYB	160, 171, 203
Decimal	10530507
CIELab	70.91, 1.38, -16.37
CIELCh	71, 16.427, 274.835
Yxy	42.0575, 0.2788, 0.2901
Android (android.graphics.Color)	4288720587 (0xFFA0AECB)
YUV	173.1200, 14.7308, -11.5062
Hunter-Lab	64.8518, -2.2393, -11.7429

Details

The Yxy color $42.0575, 0.2788, 0.2901$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $51.6600, 0.3476, 0.3651$, and the grayscale version is $41.7876, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.7057, 0.2877, 0.3018$, and $19.2771, 0.2690, 0.2793$ is the 20% darker color. If you saturate the color by 10%, you get $35.1050, 0.2613, 0.2685$, and if you desaturate by 10%, it is $49.8958, 0.2954, 0.3097$.

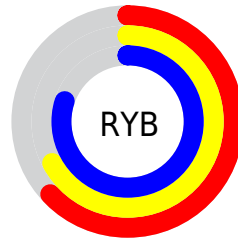
Distribution



Red (63%)

Green (68%)

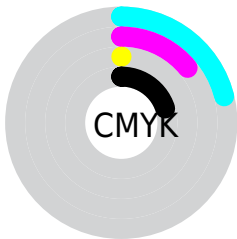
Blue (80%)



Red (63%)

Yellow (67%)

Blue (80%)

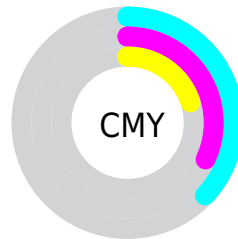


Cyan (21%)

Magenta (14%)

Yellow (0%)

Black (20%)



Cyan (37%)

Magenta (32%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0575, 0.2788, 0.2901 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 42.0575, 0.2788, 0.2901 by changing the saturation by 10% instead.

■ 42.0575, 0.2788,
0.2901

■ 42.0575, 0.2788,
0.2901

354.7212, 0.2959,
0.3097

■ 29.1463, 0.2745,
0.2852

■ 78.2866, 0.2851,
0.2972

■ 19.1915, 0.2689,
0.2789

■ 102.3734, 0.2874,
0.2999

■ 11.8088, 0.2615,
0.2705

130.9541, 0.2894,
0.3021

■ 6.6136, 0.2511,
0.2589

164.4132, 0.2911,
0.3041

■ 3.2216, 0.2357,
0.2416

203.1351, 0.2925,
0.3058

■ 1.2485, 0.2104,
0.2137

247.5041, 0.2938,

■ 0.1008, 0.0856,

0.3072

0.0666

297.9047, 0.2949,
0.3085

0.0000, 0.0000,
0.0000

42.0575, 0.2788,
0.2901

42.0575, 0.2788,
0.2901

35.1050, 0.2613,
0.2685

49.8958, 0.2954,
0.3097

29.0005, 0.2434,
0.2449

58.6456, 0.3110,
0.3271

23.7107, 0.2255,
0.2199

68.3379, 0.3253,
0.3425

19.1983, 0.2083,
0.1940

79.0008, 0.3385,
0.3560

15.4224, 0.1927,
0.1683

89.3986, 0.3459,
0.3684

■ 12.3379, 0.1794,
0.1438

■ 97.0927, 0.3436,
0.3800

■ 9.8933, 0.1691,
0.1216

■ 8.2006, 0.1624,
0.1047

Harmonies

Analogous

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



42.0575, 0.2686, 0.2990



42.0575, 0.2788, 0.2901



42.0575, 0.2981, 0.2912

Triad

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



42.0575, 0.2788, 0.2901



42.0575, 0.3578, 0.3386



42.0575, 0.3022, 0.3590

Complementary

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



42.0575, 0.2788, 0.2901



51.6600, 0.3476, 0.3651

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.



42.0575, 0.3261, 0.3702



42.0575, 0.2788, 0.2901



42.0575, 0.3587, 0.3571

Square

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



42.0575, 0.2788, 0.2901



42.0575, 0.3442, 0.3185



42.0575, 0.3469, 0.3691



42.0575, 0.2817, 0.3389

Rectangle

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



42.0575, 0.2788, 0.2901



42.0575, 0.3140, 0.2972



42.0575, 0.3469, 0.3691



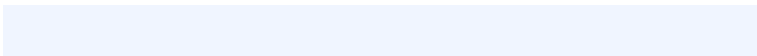
42.0575, 0.3101, 0.3640

Sweetspot

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



42.0592, 0.2788, 0.2901



90.7971, 0.3035, 0.3188



53.8590, 0.2907, 0.3478



19.2274, 0.3025, 0.3176



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.



42.0592, 0.2788, 0.2901



65.3916, 0.2716, 0.2813



37.7033, 0.2835, 0.2717



11.4290, 0.2983, 0.3129



5.3660, 0.1631, 0.1071



0.4148, 0.1743, 0.1474

Inverse Universe

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



40.9085, 0.3415, 0.3115



63.3818, 0.3487, 0.3078



56.9768, 0.3384, 0.3823



11.2727, 0.3240, 0.3215



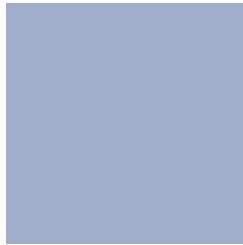
8.3447, 0.5653, 0.2888



0.4444, 0.5093, 0.2579

Previews

White Background



This preview shows how the Yxy color 42.0575, 0.2788, 0.2901 looks on a white background.

Color Contrast Check

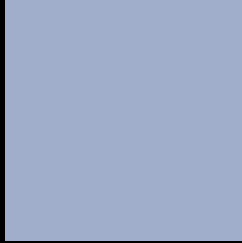
Large Text (above 18pt) WCAG AA × Fail

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 42.0575, 0.2788, 0.2901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

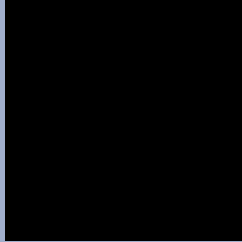
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

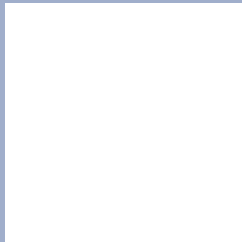
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0575, 0.2788, 0.2901

Background



This preview shows how black text looks on a background with the Yxy color 42.0575, 0.2788, 0.2901.



This preview shows how white text looks on a background with the Yxy color 42.0575, 0.2788, 0.2901.

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

42.0575, 0.2788, 0.2901

Protanopia

42.0941, 0.2857, 0.2894

Deuteranopia

41.8495, 0.2898, 0.2836



Tritanopia

42.0375, 0.2867, 0.3097

Trichromacy



Original Color

42.0575, 0.2788, 0.2901

Protanomaly

42.1507, 0.2834, 0.2905

Deuteranomaly

42.0315, 0.2858, 0.2857

Tritanomaly

41.9710, 0.2838, 0.3017

Monochromacy



Original Color

42.0575, 0.2788, 0.2901

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6727, 0.2995, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0575, 0.2788, 0.2901 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(160, 174, 203)` looks like.

```
.text, #text, p{  
    color:rgb(160, 174, 203)  
}
```

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(160, 174, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 174, 203) }
```

Border

The CSS property to change the border of an element to Yxy 42.0575, 0.2788, 0.2901 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(160, 174, 203) }
```

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

```
.border{ border-color:rgb(160, 174, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 174, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 174, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 174, 203);  
box-shadow:4px 4px 4px 4px rgb(160, 174,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0575, 0.2788, 0.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 174, 203) }
```

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

```
.background{ background-color: rgb(160,  
174, 203) }
```

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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