

Converting Colors

$Yxy(41.6757, 0.2776, 0.2977)$

Have a look what the booklet for
Yxy(41.6757, 0.2776, 0.2977)
contains.

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Color

Yxy(41.6072, 0.2778, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	9AAF6C
RGB	154, 175, 198
RGB Percent	60%, 69%, 78%
CMY	0.3959, 0.3137, 0.2236
CMYK	0.22, 0.12, 0.00, 0.22
HSL	211°, 28%, 69%
HSV	211°, 22%, 78%
XYZ	38.8520, 41.6072, 59.3969
YIQ	171.3430, -19.8990, 2.7010

Conversions

Conversions Part 2

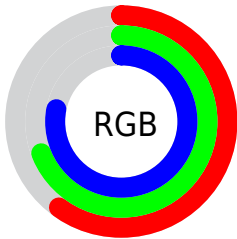
Format	Color
RYB	154, 168, 198
Decimal	10137542
CIELab	70.60, -2.20, -14.11
CIElCh	71, 14.278, 261.146
Yxy	41.6072, 0.2778, 0.2975
Android (android.graphics.Color)	4288327622 (0xFF9AAFC6)
YUV	171.3430, 13.1419, -15.2098
Hunter-Lab	64.5036, -5.3667, -9.4435

Details

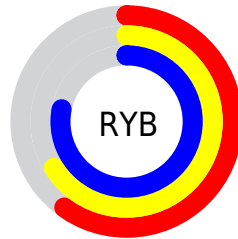
The Yxy color **41.6072, 0.2778, 0.2975** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.7881, 0.3512, 0.3586**, and the grayscale version is **40.8493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3689, 0.2841, 0.3025**, and **19.0043, 0.2677, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **35.9462, 0.2614, 0.2809**, and if you desaturate by 10%, it is **47.9010, 0.2939, 0.3126**.

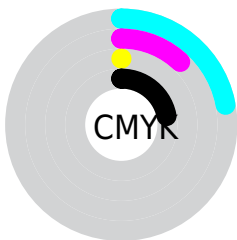
Distribution



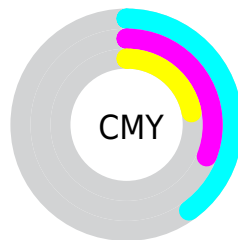
- Red (60%)
- Green (69%)
- Blue (78%)



- Red (60%)
- Yellow (66%)
- Blue (78%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6072, 0.2778, 0.2975 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 41.6072, 0.2778, 0.2975 by changing the saturation by 10% instead.

■ 41.6072, 0.2778,
0.2975

■ 41.6072, 0.2778,
0.2975

352.8520, 0.2954,
0.3135

■ 28.7938, 0.2734,
0.2934

■ 77.6048, 0.2842,
0.3034

■ 18.9249, 0.2676,
0.2882

■ 101.5578, 0.2866,
0.3056

■ 11.6160, 0.2600,
0.2811

129.9929, 0.2887,
0.3074

■ 6.4828, 0.2493,
0.2711

163.2943, 0.2904,
0.3090

■ 3.1408, 0.2333,
0.2560

201.8465, 0.2919,
0.3104

■ 1.2057, 0.2071,
0.2309

246.0340, 0.2932,

■ 0.0663, 0.0083,

0.3115

0.0583

296.2410, 0.2944,
0.3126

0.0000, 0.0000,
0.0000

41.6072, 0.2778,
0.2975

41.6072, 0.2778,
0.2975

35.9462, 0.2614,
0.2809

47.9010, 0.2939,
0.3126

30.8905, 0.2449,
0.2628

54.8439, 0.3094,
0.3262

26.4175, 0.2290,
0.2436

62.4576, 0.3241,
0.3383

22.5011, 0.2140,
0.2235

70.7616, 0.3380,
0.3490

19.1128, 0.2006,
0.2031

79.7740, 0.3509,
0.3584

■ 16.2206, 0.1893,
0.1829

■ 85.9742, 0.3502,
0.3683

■ 13.7874, 0.1804,
0.1636

■ 92.1480, 0.3481,
0.3781

■ 12.1609, 0.1748,
0.1494

■ 96.8563, 0.3466,
0.3850

Harmonies

Analogous

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



41.6072, 0.2732, 0.3092



41.6072, 0.2778, 0.2975



41.6072, 0.2915, 0.2944

Triad

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



41.6072, 0.2778, 0.2975



41.6072, 0.3478, 0.3294



41.6072, 0.3131, 0.3607

Complementary

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



41.6072, 0.2778, 0.2975



45.7881, 0.3512, 0.3586

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.



41.6072, 0.3334, 0.3657



41.6072, 0.2778, 0.2975



41.6072, 0.3539, 0.3468

Square

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



41.6072, 0.2778, 0.2975



41.6072, 0.3320, 0.3125



41.6072, 0.3485, 0.3603



41.6072, 0.2932, 0.3462

Rectangle

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



41.6072, 0.2778, 0.2975



41.6072, 0.3043, 0.2971



41.6072, 0.3485, 0.3603



41.6072, 0.3201, 0.3636

Sweetspot

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



41.6089, 0.2778, 0.2975



90.9583, 0.3019, 0.3197



50.4166, 0.2941, 0.3579



19.3079, 0.3009, 0.3189



0.0000, 0.0000, 0.0000



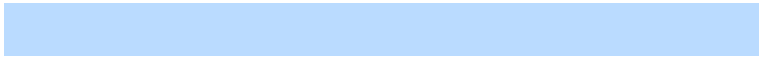
21.4041, 0.3127, 0.3290

Same Dimension

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



41.6089, 0.2778, 0.2975



68.3378, 0.2693, 0.2890



34.1442, 0.2762, 0.2678



11.1082, 0.2983, 0.3166



8.0793, 0.1755, 0.1518



0.5274, 0.1864, 0.1909

Inverse Universe

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



38.2206, 0.3366, 0.3022



61.5552, 0.3438, 0.2955



54.6173, 0.3452, 0.3839



10.7198, 0.3216, 0.3180



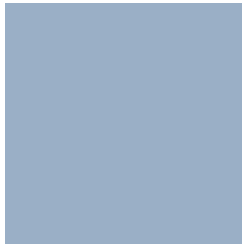
8.3556, 0.5036, 0.2548



0.4103, 0.4557, 0.2284

Previews

White Background



This preview shows how the Yxy color 41.6072, 0.2778, 0.2975 looks on a white background.

Color Contrast Check

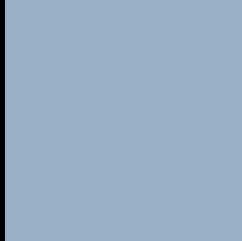
Large Text (above 18pt) WCAG AA × Fail

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 41.6072, 0.2778, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

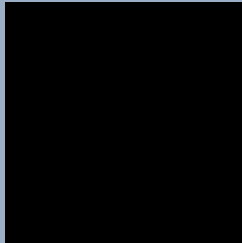
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

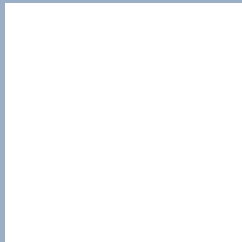
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6072, 0.2778, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 41.6072, 0.2778, 0.2975.



This preview shows how white text looks on a background with the Yxy color 41.6072, 0.2778, 0.2975.

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

41.6072, 0.2778, 0.2975

Protanopia

41.5010, 0.2917, 0.2969

Deuteranopia

41.3589, 0.2945, 0.2885



Tritanopia

41.5407, 0.2828, 0.3095

Trichromacy



Original Color

41.6072, 0.2778, 0.2975

Protanomaly

41.3831, 0.2869, 0.2966

Deuteranomaly

41.5742, 0.2879, 0.2918

Tritanomaly

41.6732, 0.2806, 0.3054

Monochromacy



Original Color

41.6072, 0.2778, 0.2975

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.8406, 0.2993, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6072, 0.2778, 0.2975 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, 175, 198)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 175, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 175, 198) }
```

Border

The CSS property to change the border of an element to Yxy 41.6072, 0.2778, 0.2975 is called "border". The border property can be set on classes, ids or directly on the HTML element.

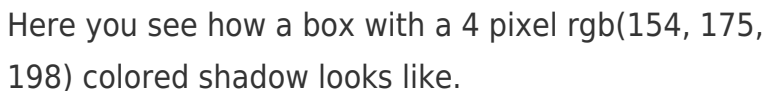
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 175, 198) }
```

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

```
.border{ border-color:rgb(154, 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(154, 175, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 175, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 175, 198); box-shadow:4px 4px 4px 4px rgb(154, 175, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6072, 0.2778, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 175, 198) }
```

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

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