

Converting Colors

$Yxy(41.1542, 0.2734, 0.2944)$

Have a look what the booklet for
Yxy(41.1542, 0.2734, 0.2944)
contains.

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Color

Yxy(41.3141, 0.2733, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	96AFC8
RGB	150, 175, 200
RGB Percent	59%, 69%, 78%
CMY	0.4119, 0.3137, 0.2157
CMYK	0.25, 0.12, 0.00, 0.22
HSL	210°, 31%, 69%
HSV	210°, 25%, 78%
XYZ	38.3270, 41.3141, 60.5968
YIQ	170.3750, -22.9250, 2.4750

Conversions

Conversions Part 2

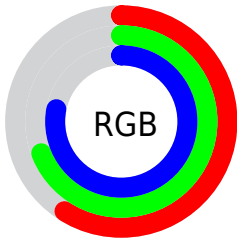
Format	Color
R_{YB}	150, 167, 200
Decimal	9875400
CIE _{Lab}	70.40, -3.00, -15.55
CIE _{LCh}	70, 15.839, 259.089
Yxy	41.3141, 0.2733, 0.2946
Android (android.graphics.Color)	4288065480 (0xFF96AFC8)
YUV	170.3750, 14.6051, -17.8689
Hunter-Lab	64.2760, -6.0457, -10.9029

Details

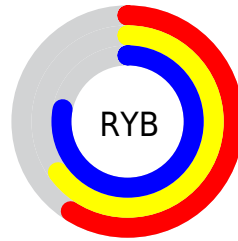
The Yxy color **41.3141, 0.2733, 0.2946** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.1187, 0.3573, 0.3611**, and the grayscale version is **40.3270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7928, 0.2816, 0.3024**, and **18.8379, 0.2620, 0.2851** is the 20% darker color. If you saturate the color by 10%, you get **35.8331, 0.2570, 0.2783**, and if you desaturate by 10%, it is **47.4097, 0.2894, 0.3094**.

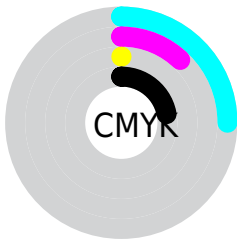
Distribution



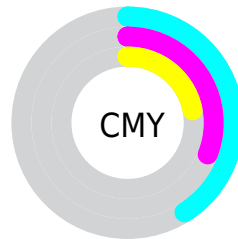
- Red (59%)
- Green (69%)
- Blue (78%)



- Red (59%)
- Yellow (65%)
- Blue (78%)



- Cyan (25%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (41%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3141, 0.2733, 0.2946 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 41.3141, 0.2733, 0.2946 by changing the saturation by 10% instead.

■ 41.3141, 0.2733,
0.2946

■ 41.3141, 0.2733,
0.2946

351.6317, 0.2932,
0.3121

■ 28.5646, 0.2683,
0.2901

■ 77.1605, 0.2806,
0.3010

■ 18.7517, 0.2619,
0.2844

■ 101.0261, 0.2833,
0.3034

■ 11.4910, 0.2533,
0.2766

129.3660, 0.2856,
0.3055

■ 6.3981, 0.2413,
0.2657

162.5644, 0.2875,
0.3072

■ 3.0886, 0.2235,
0.2492

201.0058, 0.2892,
0.3087

■ 1.1782, 0.1946,
0.2219

245.0745, 0.2907,

■ 0.0438, 0.0000,

0.3100

0.0368

295.1550, 0.2920,
0.3111

0.0000, 0.0000,
0.0000

41.3141, 0.2733,
0.2946

41.3141, 0.2733,
0.2946

35.8331, 0.2570,
0.2783

47.4097, 0.2894,
0.3094

30.9391, 0.2409,
0.2608

54.1363, 0.3051,
0.3228

26.6095, 0.2255,
0.2422

61.5155, 0.3201,
0.3348

22.8179, 0.2113,
0.2229

69.5665, 0.3343,
0.3454

19.5354, 0.1987,
0.2034

78.3075, 0.3476,
0.3547

■ 16.7290, 0.1883,
0.1842

■ 84.8076, 0.3493,
0.3642

■ 14.3600, 0.1804,
0.1659

■ 90.6852, 0.3473,
0.3737

■ 13.3107, 0.1770,
0.1571

■ 96.8889, 0.3454,
0.3829

■ 96.9501, 0.3454,
0.3830

Harmonies

Analogous

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



41.3141, 0.2690, 0.3081



41.3141, 0.2733, 0.2946



41.3141, 0.2878, 0.2905

Triad

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



41.3141, 0.2733, 0.2946



41.3141, 0.3509, 0.3280



41.3141, 0.3147, 0.3652

Complementary

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



41.3141, 0.2733, 0.2946



45.1187, 0.3573, 0.3611

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.



41.3141, 0.3371, 0.3698



41.3141, 0.2733, 0.2946



41.3141, 0.3585, 0.3473

Square

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



41.3141, 0.2733, 0.2946



41.3141, 0.3326, 0.3095



41.3141, 0.3533, 0.3629



41.3141, 0.2923, 0.3496

Rectangle

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



41.3141, 0.2733, 0.2946



41.3141, 0.3017, 0.2932



41.3141, 0.3533, 0.3629



41.3141, 0.3224, 0.3681

Sweetspot

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



41.3158, 0.2733, 0.2946



90.0065, 0.3003, 0.3188



50.8502, 0.2930, 0.3645



18.8806, 0.2979, 0.3168



0.0000, 0.0000, 0.0000



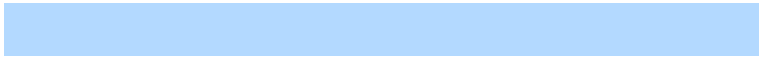
21.4041, 0.3127, 0.3290

Same Dimension

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



41.3158, 0.2733, 0.2946



66.2682, 0.2645, 0.2860



32.7174, 0.2703, 0.2598



11.1502, 0.2983, 0.3172



8.6427, 0.1777, 0.1595



0.5541, 0.1882, 0.1974

Inverse Universe

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



37.1749, 0.3393, 0.2971



58.2996, 0.3468, 0.2898



55.4029, 0.3504, 0.3899



10.7240, 0.3213, 0.3175



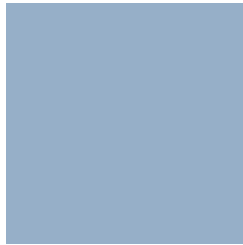
8.4125, 0.4937, 0.2493



0.4130, 0.4482, 0.2243

Previews

White Background



This preview shows how the Yxy color 41.3141, 0.2733, 0.2946 looks on a white background.

Color Contrast Check

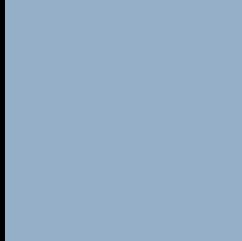
Large Text (above 18pt) WCAG AA × Fail

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 41.3141, 0.2733, 0.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

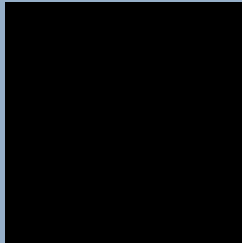
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

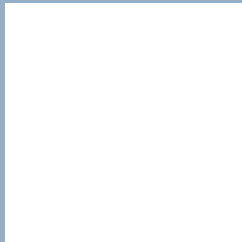
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3141, 0.2733, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 41.3141, 0.2733, 0.2946.



This preview shows how white text looks on a background with the Yxy color 41.3141, 0.2733, 0.2946.

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

41.3141, 0.2733, 0.2946

Protanopia

40.9962, 0.2885, 0.2928

Deuteranopia

41.2682, 0.2905, 0.2846



Tritanopia

41.5018, 0.2783, 0.3093

Trichromacy



Original Color

41.3141, 0.2733, 0.2946

Protanomaly

41.1593, 0.2830, 0.2938

Deuteranomaly

41.3422, 0.2840, 0.2890

Tritanomaly

41.3353, 0.2768, 0.3039

Monochromacy



Original Color

41.3141, 0.2733, 0.2946

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.6278, 0.2976, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3141, 0.2733, 0.2946 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(150, 175, 200)` looks like.

```
.text, #text, p{  
    color:rgb(150, 175, 200)  
}
```

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(150, 175, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 175, 200) }
```

Border

The CSS property to change the border of an element to Yxy 41.3141, 0.2733, 0.2946 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(150, 175, 200) }
```

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

```
.border{ border-color:rgb(150, 175, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 175, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 175, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 175, 200);  
box-shadow:4px 4px 4px 4px rgb(150, 175,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3141, 0.2733, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 175, 200) }
```

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

```
.background{ background-color: rgb(150,  
175, 200) }
```

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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