

Converting Colors

$Yxy(44.4667, 0.2739, 0.2847)$

Have a look what the booklet for
Yxy(44.4667, 0.2739, 0.2847)
contains.

Yxy(44.6750, 0.2746, 0.2860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.6750, 0.2746, 0.2860)

Conversions

Conversions Part 1

Format	Color
Hex	A2B3D4
RGB	162, 179, 212
RGB Percent	64%, 70%, 83%
CMY	0.3649, 0.2980, 0.1687
CMYK	0.24, 0.16, 0.00, 0.17
HSL	220°, 37%, 73%
HSV	220°, 24%, 83%
XYZ	42.8942, 44.6750, 68.6370
YIQ	177.6790, -20.7250, 6.6590

Conversions

Conversions Part 2

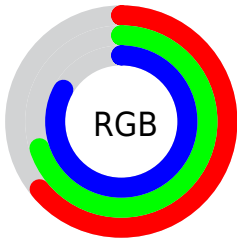
Format	Color
RYB	162, 175, 212
Decimal	10662868
CIELab	72.68, 1.29, -18.59
CIELCh	73, 18.639, 273.974
Yxy	44.6750, 0.2746, 0.2860
Android (android.graphics.Color)	4288852948 (0xFFA2B3D4)
YUV	177.6790, 16.9203, -13.7505
Hunter-Lab	66.8394, -2.4163, -14.0971

Details

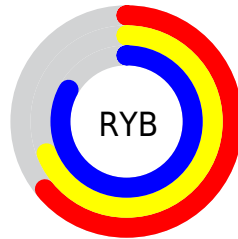
The Yxy color $44.6750, 0.2746, 0.2860$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $55.5924, 0.3524, 0.3686$, and the grayscale version is $44.2561, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.3884, 0.2892, 0.3082$, and $20.6072, 0.2637, 0.2737$ is the 20% darker color. If you saturate the color by 10%, you get $37.3232, 0.2570, 0.2644$, and if you desaturate by 10%, it is $52.9717, 0.2914, 0.3056$.

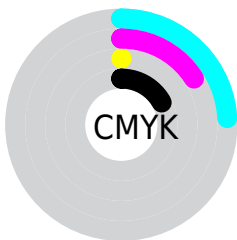
Distribution



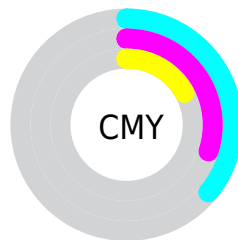
- Red (64%)
- Green (70%)
- Blue (83%)



- Red (64%)
- Yellow (69%)
- Blue (83%)



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)
- Black (17%)



- Cyan (36%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6750, 0.2746, 0.2860 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 44.6750, 0.2746, 0.2860 by changing the saturation by 10% instead.

■ 44.6750, 0.2746,
0.2860

■ 44.6750, 0.2746,
0.2860

365.4557, 0.2936,
0.3074

■ 31.2015, 0.2699,
0.2807

■ 82.2325, 0.2815,
0.2937

■ 20.7523, 0.2639,
0.2740

■ 107.0853, 0.2841,
0.2966

■ 12.9431, 0.2559,
0.2652

136.5000, 0.2863,
0.2991

■ 7.3894, 0.2449,
0.2530

170.8610, 0.2882,
0.3012

■ 3.7068, 0.2289,
0.2353

210.5527, 0.2898,
0.3031

■ 1.5109, 0.2035,
0.2076

255.9594, 0.2912,

■ 0.2964, 0.1309,

0.3047

0.1238

307.4656, 0.2925,
0.3061

0.0000, 0.0000,
0.0000

44.6750, 0.2746,
0.2860

44.6750, 0.2746,
0.2860

37.3232, 0.2570,
0.2644

52.9717, 0.2914,
0.3056

30.8752, 0.2392,
0.2409

62.2412, 0.3073,
0.3232

25.2949, 0.2215,
0.2162

72.5173, 0.3220,
0.3387

20.5414, 0.2048,
0.1908

83.8302, 0.3355,
0.3524

16.5699, 0.1899,
0.1656

93.6711, 0.3391,
0.3653

■ 13.3304, 0.1775,
0.1418

■ 97.5326, 0.3382,
0.3711

■ 10.7656, 0.1681,
0.1205

■ 9.4290, 0.1635,
0.1084

Harmonies

Analogous

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



44.6750, 0.2637, 0.2960



44.6750, 0.2746, 0.2860



44.6750, 0.2957, 0.2870

Triad

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



44.6750, 0.2746, 0.2860



44.6750, 0.3627, 0.3388



44.6750, 0.3017, 0.3631

Complementary

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



44.6750, 0.2746, 0.2860



55.5924, 0.3524, 0.3686

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.



44.6750, 0.3282, 0.3751



44.6750, 0.2746, 0.2860



44.6750, 0.3641, 0.3595

Square

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



44.6750, 0.2746, 0.2860



44.6750, 0.3471, 0.3167



44.6750, 0.3512, 0.3733



44.6750, 0.2788, 0.3407

Rectangle

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



44.6750, 0.2746, 0.2860



44.6750, 0.3132, 0.2935



44.6750, 0.3512, 0.3733



44.6750, 0.3105, 0.3685

Sweetspot

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



44.6768, 0.2746, 0.2860



89.4952, 0.3019, 0.3173



58.6704, 0.2888, 0.3513



18.9694, 0.3009, 0.3163



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.



44.6768, 0.2746, 0.2860



62.4530, 0.2664, 0.2761



39.0612, 0.2788, 0.2640



12.6944, 0.2982, 0.3132



5.9899, 0.1642, 0.1109



0.5127, 0.1739, 0.1461

Inverse Universe

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



43.0730, 0.3450, 0.3083



59.9271, 0.3534, 0.3040



62.5897, 0.3421, 0.3887



12.4900, 0.3238, 0.3211



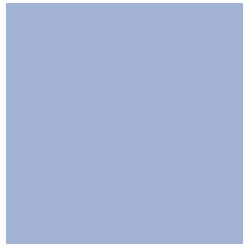
8.9495, 0.5597, 0.2857



0.5551, 0.5110, 0.2589

Previews

White Background



This preview shows how the Yxy color 44.6750, 0.2746, 0.2860 looks on a white background.

Color Contrast Check

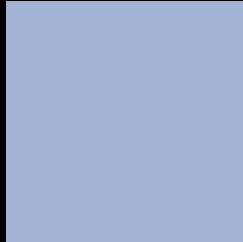
Large Text (above 18pt) WCAG AA × Fail

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 44.6750, 0.2746, 0.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

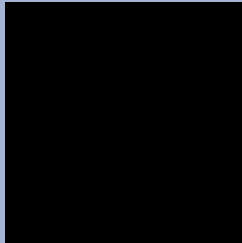
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6750, 0.2746, 0.2860

Background



This preview shows how black text looks on a background with the Yxy color 44.6750, 0.2746, 0.2860.

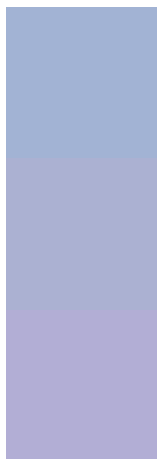


This preview shows how white text looks on a background with the Yxy color 44.6750, 0.2746, 0.2860.

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

44.6750, 0.2746, 0.2860

Protanopia

44.7554, 0.2827, 0.2865

Deuteranopia

44.5412, 0.2858, 0.2798



Tritanopia

44.8123, 0.2836, 0.3101

Trichromacy



Original Color

44.6750, 0.2746, 0.2860

Protanomaly

44.8688, 0.2797, 0.2864

Deuteranomaly

44.6254, 0.2813, 0.2817

Tritanomaly

44.7856, 0.2801, 0.3010

Monochromacy



Original Color

44.6750, 0.2746, 0.2860

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3292, 0.2982, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6750, 0.2746, 0.2860 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(162, 179, 212)` looks like.

```
.text, #text, p{  
    color:rgb(162, 179, 212)  
}
```

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(162, 179, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 179, 212) }
```

Border

The CSS property to change the border of an element to Yxy 44.6750, 0.2746, 0.2860 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(162, 179, 212) }
```

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

```
.border{ border-color:rgb(162, 179, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 179, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 179, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 179, 212);  
box-shadow:4px 4px 4px 4px rgb(162, 179,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6750, 0.2746, 0.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 179, 212) }
```

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

```
.background{ background-color: rgb(162,  
179, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor