

Converting Colors

Yxy(43.7968, 0.2889, 0.3123)

Have a look what the booklet for
Yxy(43.7968, 0.2889, 0.3123)
contains.

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Color

Yxy(43.7274, 0.2886, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	A2B3C0
RGB	162, 179, 192
RGB Percent	64%, 70%, 75%
CMY	0.3649, 0.2980, 0.2471
CMYK	0.16, 0.07, 0.00, 0.25
HSL	206°, 19%, 69%
HSV	206°, 16%, 75%
XYZ	40.5258, 43.7274, 56.1688
YIQ	175.3990, -14.3050, 0.4390

Conversions

Conversions Part 2

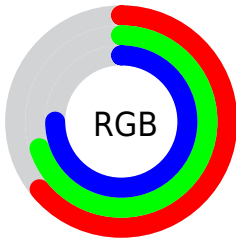
Format	Color
R_{YB}	162, 173, 192
Decimal	10662848
CIE _{Lab}	72.05, -3.18, -8.60
CIE _{LCh}	72, 9.167, 249.708
Yxy	43.7274, 0.2886, 0.3114
Android (android.graphics.Color)	4288852928 (0xFFA2B3C0)
YUV	175.3990, 8.1843, -11.7509
Hunter-Lab	66.1267, -6.3279, -4.0729

Details

The Yxy color **43.7274, 0.2886, 0.3114** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.4412, 0.3392, 0.3460**, and the grayscale version is **43.0460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9457, 0.2932, 0.3154**, and **20.1008, 0.2812, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **38.6462, 0.2728, 0.2986**, and if you desaturate by 10%, it is **49.3189, 0.3041, 0.3230**.

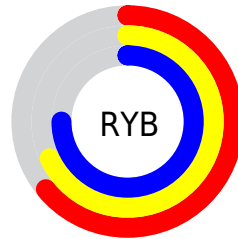
Distribution



Red (64%)

Green (70%)

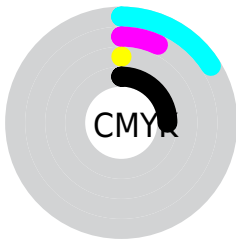
Blue (75%)



Red (64%)

Yellow (68%)

Blue (75%)

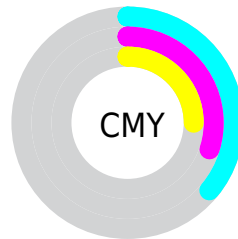


Cyan (16%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7274, 0.2886, 0.3114 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 43.7274, 0.2886, 0.3114 by changing the saturation by 10% instead.


 43.7274, 0.2886,
0.3114

 43.7274, 0.2886,
0.3114


361.5947, 0.3007,
0.3203

 30.4563, 0.2856,
0.3091


 80.8074, 0.2930,
0.3147

 20.1852, 0.2817,
0.3062


 105.3850, 0.2947,
0.3159

 12.5297, 0.2764,
0.3022


134.5003, 0.2961,
0.3169

 7.1055, 0.2691,
0.2966

168.5376, 0.2973,
0.3178

 3.5282, 0.2582,
0.2880

207.8812, 0.2983,
0.3186

 1.4133, 0.2400,
0.2735

252.9157, 0.2992,

 0.2265, 0.1136,

0.3192

0.1869

304.0254, 0.3000,
0.3198

0.0000, 0.0000,
0.0000

43.7274, 0.2886,
0.3114

43.7274, 0.2886,
0.3114

38.6462, 0.2728,
0.2986

49.3189, 0.3041,
0.3230

34.0527, 0.2571,
0.2847

55.4318, 0.3192,
0.3334

29.9299, 0.2418,
0.2696

62.0833, 0.3336,
0.3426

26.2582, 0.2274,
0.2537

69.2884, 0.3474,
0.3508

23.0156, 0.2142,
0.2372

76.4987, 0.3581,
0.3582

■ 20.1781, 0.2028,
0.2205

■ 80.9711, 0.3561,
0.3663

■ 17.7182, 0.1934,
0.2038

■ 85.6626, 0.3542,
0.3743

■ 15.6026, 0.1863,
0.1876

■ 90.5760, 0.3523,
0.3821

■ 14.7626, 0.1835,
0.1807

■ 95.7142, 0.3505,
0.3897

Harmonies

Analogous

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



43.7274, 0.2881, 0.3207



43.7274, 0.2886, 0.3114



43.7274, 0.2954, 0.3070

Triad

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



43.7274, 0.2886, 0.3114



43.7274, 0.3316, 0.3251



43.7274, 0.3182, 0.3507

Complementary

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



43.7274, 0.2886, 0.3114



44.4412, 0.3392, 0.3460

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.



43.7274, 0.3301, 0.3515



43.7274, 0.2886, 0.3114



43.7274, 0.3380, 0.3365

Square

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



43.7274, 0.2886, 0.3114



43.7274, 0.3201, 0.3149



43.7274, 0.3374, 0.3462



43.7274, 0.3050, 0.3437

Rectangle

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



43.7274, 0.2886, 0.3114



43.7274, 0.3027, 0.3073



43.7274, 0.3374, 0.3462



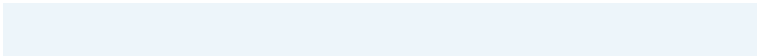
43.7274, 0.3224, 0.3517

Sweetspot

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



43.7292, 0.2886, 0.3114



89.9758, 0.3050, 0.3236



48.4462, 0.3017, 0.3528



19.1414, 0.3039, 0.3228



97.7402, 0.3127, 0.3290



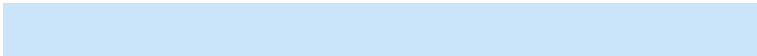
20.4902, 0.3127, 0.3290

Same Dimension

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



43.7292, 0.2886, 0.3114



75.7702, 0.2829, 0.3069



38.1937, 0.2878, 0.2911



10.6765, 0.2984, 0.3188



10.0916, 0.1841, 0.1827



0.5709, 0.1941, 0.2186

Inverse Universe

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



40.2828, 0.3260, 0.3069



68.4229, 0.3297, 0.3015



50.4183, 0.3364, 0.3643



10.1716, 0.3202, 0.3160



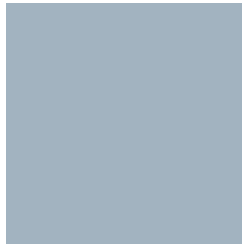
8.3010, 0.4653, 0.2337



0.3723, 0.4247, 0.2113

Previews

White Background



This preview shows how the Yxy color 43.7274, 0.2886, 0.3114 looks on a white background.

Color Contrast Check

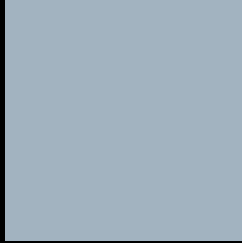
Large Text (above 18pt) WCAG AA × Fail

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 43.7274, 0.2886, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

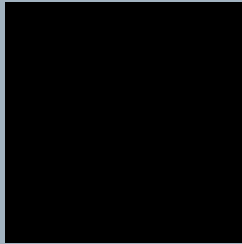
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

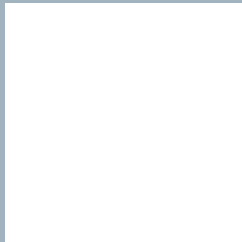
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7274, 0.2886, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 43.7274, 0.2886, 0.3114.



This preview shows how white text looks on a background with the Yxy color 43.7274, 0.2886, 0.3114.

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

43.7274, 0.2886, 0.3114

Protanopia

43.6078, 0.3016, 0.3092

Deuteranopia

43.4600, 0.3071, 0.2995



Tritanopia

43.7718, 0.2879, 0.3101

Trichromacy



Original Color

43.7274, 0.2886, 0.3114

Protanomaly

43.4702, 0.2966, 0.3090

Deuteranomaly

43.4695, 0.3001, 0.3041

Tritanomaly

43.7718, 0.2879, 0.3101

Monochromacy



Original Color

43.7274, 0.2886, 0.3114

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9329, 0.3035, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7274, 0.2886, 0.3114 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(162, 179, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 179, 192) }
```

Border

The CSS property to change the border of an element to Yxy 43.7274, 0.2886, 0.3114 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, 192) }
```

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

```
.border{ border-color:rgb(162, 179, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(162, 179,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7274, 0.2886, 0.3114 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, 192) }
```

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

```
.background{ background-color: rgb(162,  
179, 192) }
```

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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