

Converting Colors

$Y_{xy}(44.4270, 0.2902, 0.3097)$

Have a look what the booklet for
Yxy(44.4270, 0.2902, 0.3097)
contains.

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Color

Yxy(44.6445, 0.2904, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	A6B4C2
RGB	166, 180, 194
RGB Percent	65%, 71%, 76%
CMY	0.3491, 0.2941, 0.2392
CMYK	0.14, 0.07, 0.00, 0.24
HSL	210°, 19%, 71%
HSV	210°, 14%, 76%
XYZ	41.7814, 44.6445, 57.4494
YIQ	177.4100, -12.8380, 1.3860

Conversions

Conversions Part 2

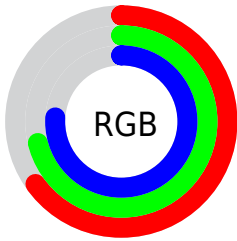
Format	Color
R_{YB}	166, 175, 194
Decimal	10925250
CIE _{Lab}	72.66, -1.97, -8.75
CIE _{LCh}	73, 8.972, 257.336
Yxy	44.6445, 0.2904, 0.3103
Android (android.graphics.Color)	4289115330 (0xFFA6B4C2)
YUV	177.4100, 8.1789, -10.0066
Hunter-Lab	66.8165, -5.3102, -4.2064

Details

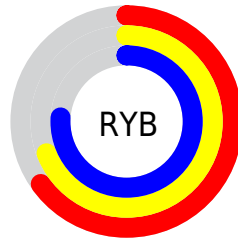
The Yxy color $44.6445, 0.2904, 0.3103$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.8511, 0.3366, 0.3470$, and the grayscale version is $44.1539, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.2652, 0.2946, 0.3145$, and $20.6496, 0.2846, 0.3050$ is the 20% darker color. If you saturate the color by 10%, you get $38.9304, 0.2743, 0.2956$, and if you desaturate by 10%, it is $50.9518, 0.3060, 0.3236$.

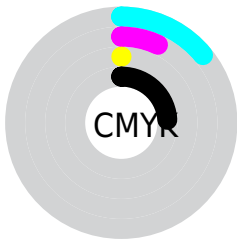
Distribution



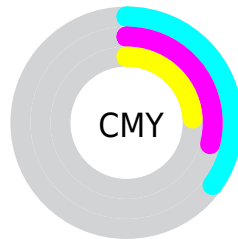
- Red (65%)
- Green (71%)
- Blue (76%)



- Red (65%)
- Yellow (69%)
- Blue (76%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (35%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6445, 0.2904, 0.3103 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 44.6445, 0.2904, 0.3103 by changing the saturation by 10% instead.

■ 44.6445, 0.2904,
0.3103

■ 44.6445, 0.2904,
0.3103

365.3319, 0.3016,
0.3197

■ 31.1775, 0.2876,
0.3079

■ 82.1867, 0.2945,
0.3137

■ 20.7341, 0.2840,
0.3048

■ 107.0307, 0.2960,
0.3150

■ 12.9297, 0.2792,
0.3007

136.4358, 0.2973,
0.3161

■ 7.3802, 0.2725,
0.2949

170.7864, 0.2984,
0.3171

■ 3.7010, 0.2625,
0.2862

210.4669, 0.2993,
0.3179

■ 1.5077, 0.2460,
0.2716

255.8617, 0.3002,

■ 0.2942, 0.1588,

0.3186

0.2018

307.3553, 0.3009,
0.3192

0.0000, 0.0000,
0.0000

44.6445, 0.2904,
0.3103

44.6445, 0.2904,
0.3103

38.9304, 0.2743,
0.2956

50.9518, 0.3060,
0.3236

33.7844, 0.2581,
0.2795

57.8654, 0.3209,
0.3354

29.1873, 0.2420,
0.2620

65.4048, 0.3351,
0.3459

25.1168, 0.2265,
0.2435

73.5870, 0.3483,
0.3552

21.5485, 0.2122,
0.2243

80.8828, 0.3548,
0.3640

■ 18.4557, 0.1996,
0.2049

■ 86.3758, 0.3526,
0.3733

■ 15.8082, 0.1890,
0.1857

■ 92.1723, 0.3505,
0.3824

■ 13.5704, 0.1809,
0.1673

■ 96.6747, 0.3490,
0.3890

■ 12.4693, 0.1771,
0.1574

Harmonies

Analogous

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



44.6445, 0.2883, 0.3183



44.6445, 0.2904, 0.3103



44.6445, 0.2984, 0.3074

Triad

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



44.6445, 0.2904, 0.3103



44.6445, 0.3332, 0.3280



44.6445, 0.3147, 0.3489

Complementary

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



44.6445, 0.2904, 0.3103



46.8511, 0.3366, 0.3470

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.



44.6445, 0.3269, 0.3513



44.6445, 0.2904, 0.3103



44.6445, 0.3378, 0.3389

Square

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



44.6445, 0.2904, 0.3103



44.6445, 0.3231, 0.3176



44.6445, 0.3354, 0.3475



44.6445, 0.3022, 0.3408

Rectangle

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



44.6445, 0.2904, 0.3103



44.6445, 0.3061, 0.3086



44.6445, 0.3354, 0.3475



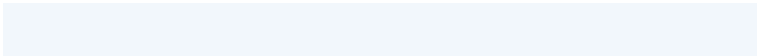
44.6445, 0.3190, 0.3504

Sweetspot

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



44.6464, 0.2904, 0.3103



92.7679, 0.3066, 0.3240



49.9618, 0.3012, 0.3483



20.1143, 0.3054, 0.3231



0.0000, 0.0000, 0.0000



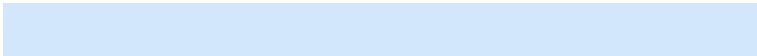
21.4041, 0.3127, 0.3290

Same Dimension

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



44.6464, 0.2904, 0.3103



77.8546, 0.2859, 0.3063



39.4371, 0.2898, 0.2917



10.5626, 0.2984, 0.3172



8.3629, 0.1777, 0.1598



0.4992, 0.1890, 0.2004

Inverse Universe

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



42.0311, 0.3265, 0.3111



72.4135, 0.3297, 0.3074



52.5942, 0.3342, 0.3638



10.1601, 0.3212, 0.3175



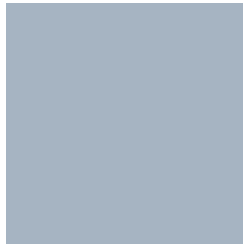
8.1265, 0.4934, 0.2492



0.3650, 0.4449, 0.2224

Previews

White Background



This preview shows how the Yxy color 44.6445, 0.2904, 0.3103 looks on a white background.

Color Contrast Check

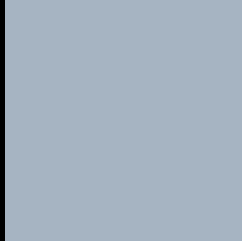
Large Text (above 18pt) WCAG AA × Fail

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 44.6445, 0.2904, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

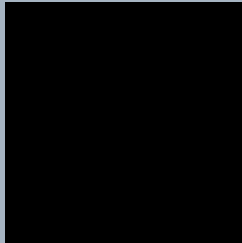
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

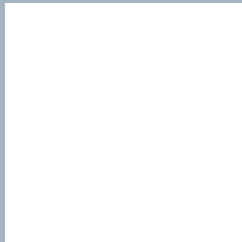
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6445, 0.2904, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 44.6445, 0.2904, 0.3103.

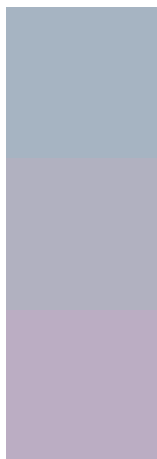


This preview shows how white text looks on a background with the Yxy color 44.6445, 0.2904, 0.3103.

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

44.6445, 0.2904, 0.3103

Protanopia

44.5972, 0.3008, 0.3094

Deuteranopia

44.3921, 0.3071, 0.3010



Tritanopia

44.6445, 0.2904, 0.3103

Trichromacy



Original Color

44.6445, 0.2904, 0.3103

Protanomaly

44.5753, 0.2968, 0.3092

Deuteranomaly

44.5745, 0.3002, 0.3044

Tritanomaly

44.6445, 0.2904, 0.3103

Monochromacy



Original Color

44.6445, 0.2904, 0.3103

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.1439, 0.3045, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6445, 0.2904, 0.3103 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(166, 180, 194)` looks like.

```
.text, #text, p{  
    color:rgb(166, 180, 194)  
}
```

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(166, 180, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 180, 194) }
```

Border

The CSS property to change the border of an element to Yxy 44.6445, 0.2904, 0.3103 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(166, 180, 194) }
```

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

```
.border{ border-color:rgb(166, 180, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 180, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 180, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 180, 194);  
box-shadow:4px 4px 4px 4px rgb(166, 180,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6445, 0.2904, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 180, 194) }
```

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

```
.background{ background-color: rgb(166,  
180, 194) }
```

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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