

Converting Colors

$Yxy(44.6665, 0.2663, 0.2990)$

Have a look what the booklet for
Yxy(44.6665, 0.2663, 0.2990)
contains.

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Color

Yxy(44.6665, 0.2663, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	90B8CE
RGB	144, 184, 206
RGB Percent	56%, 72%, 81%
CMY	0.4354, 0.2784, 0.1920
CMYK	0.30, 0.11, 0.00, 0.19
HSL	201°, 39%, 69%
HSV	201°, 30%, 81%
XYZ	39.7816, 44.6665, 64.9382
YIQ	174.5480, -30.9020, -1.6380

Conversions

Conversions Part 2

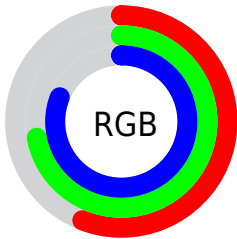
Format	Color
RYB	144, 168, 206
Decimal	9484494
CIELab	72.67, -8.19, -15.47
CIElCh	73, 17.503, 242.084
Yxy	44.6665, 0.2663, 0.2990
Android (android.graphics.Color)	4287674574 (0xFF90B8CE)
YUV	174.5480, 15.5058, -26.7906
Hunter-Lab	66.8330, -10.7077, -10.8260

Details

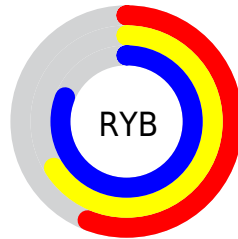
The Yxy color **44.6665, 0.2663, 0.2990** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.4107, 0.3715, 0.3571**, and the grayscale version is **42.5533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6823, 0.2788, 0.3130**, and **20.7237, 0.2529, 0.2895** is the 20% darker color. If you saturate the color by 10%, you get **40.0196, 0.2514, 0.2872**, and if you desaturate by 10%, it is **49.8125, 0.2817, 0.3099**.

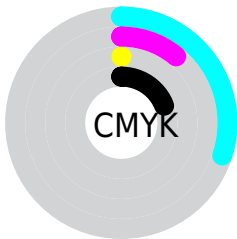
Distribution



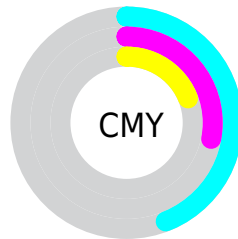
- Red (56%)
- Green (72%)
- Blue (81%)



- Red (56%)
- Yellow (66%)
- Blue (81%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)




- Cyan (44%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6665, 0.2663, 0.2990 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 44.6665, 0.2663, 0.2990 by changing the saturation by 10% instead.


 44.6665, 0.2663,
0.2990


 44.6665, 0.2663,
0.2990


365.4212, 0.2893,
0.3143

 31.1948, 0.2606,
0.2951


 82.2197, 0.2746,
0.3046

 20.7472, 0.2534,
0.2901


 107.0701, 0.2777,
0.3067

 12.9394, 0.2440,
0.2833


136.4821, 0.2804,
0.3085

 7.3868, 0.2309,
0.2738

170.8402, 0.2827,
0.3100

 3.7052, 0.2121,
0.2595

210.5288, 0.2847,
0.3113

 1.5100, 0.1826,
0.2360

255.9322, 0.2864,

 0.2958, 0.0438,

0.3124

0.1599

307.4349, 0.2879,
0.3134

0.0000, 0.0000,
0.0000

44.6665, 0.2663,
0.2990

44.6665, 0.2663,
0.2990

40.0196, 0.2514,
0.2872

49.8125, 0.2817,
0.3099

35.8458, 0.2373,
0.2746

55.4716, 0.2972,
0.3199

32.1242, 0.2244,
0.2615

61.6638, 0.3125,
0.3289

28.8298, 0.2131,
0.2479

68.4062, 0.3275,
0.3370

25.9345, 0.2037,
0.2342

75.7150, 0.3420,
0.3441

■ 23.4053, 0.1964,
0.2206

■ 81.1392, 0.3466,
0.3511

■ 21.2085, 0.1910,
0.2075

■ 85.2452, 0.3453,
0.3583

■ 89.5235, 0.3439,
0.3653

■ 93.9760, 0.3427,
0.3722

Harmonies

Analogous

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



44.6665, 0.2685, 0.3181



44.6665, 0.2663, 0.2990



44.6665, 0.2759, 0.2888

Triad

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



44.6665, 0.2663, 0.2990



44.6665, 0.3437, 0.3162



44.6665, 0.3288, 0.3725

Complementary

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



44.6665, 0.2663, 0.2990



42.4107, 0.3715, 0.3571

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.



44.6665, 0.3500, 0.3701



44.6665, 0.2663, 0.2990



44.6665, 0.3590, 0.3370

Square

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



44.6665, 0.2663, 0.2990



44.6665, 0.3201, 0.2990



44.6665, 0.3613, 0.3567



44.6665, 0.3039, 0.3620

Rectangle

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



44.6665, 0.2663, 0.2990



44.6665, 0.2880, 0.2879



44.6665, 0.3613, 0.3567



44.6665, 0.3367, 0.3731

Sweetspot

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



44.6683, 0.2663, 0.2990



90.8170, 0.2987, 0.3208



52.8275, 0.2946, 0.3849



19.1354, 0.2965, 0.3194



0.0000, 0.0000, 0.0000



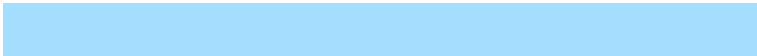
21.4041, 0.3127, 0.3290

Same Dimension

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



44.6683, 0.2663, 0.2990



67.4933, 0.2568, 0.2916



33.2585, 0.2614, 0.2551



12.0310, 0.2983, 0.3206



13.2435, 0.1915, 0.2095



0.8230, 0.1988, 0.2355

Inverse Universe

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



36.5250, 0.3373, 0.2795



52.8219, 0.3441, 0.2689



54.9468, 0.3608, 0.3934



11.3335, 0.3191, 0.3142



9.1399, 0.4347, 0.2168



0.4856, 0.4069, 0.2015

Previews

White Background



This preview shows how the Yxy color 44.6665, 0.2663, 0.2990 looks on a white background.

Color Contrast Check

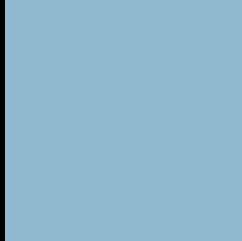
Large Text (above 18pt) WCAG AA × Fail

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 44.6665, 0.2663, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

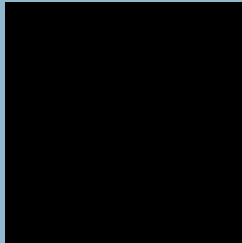
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6665, 0.2663, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 44.6665, 0.2663, 0.2990.



This preview shows how white text looks on a background with the Yxy color 44.6665, 0.2663, 0.2990.

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

44.6665, 0.2663, 0.2990

Protanopia

44.2664, 0.2915, 0.2965

Deuteranopia

44.5295, 0.2911, 0.2859



Tritanopia

44.7077, 0.2696, 0.3083

Trichromacy



Original Color

44.6665, 0.2663, 0.2990

Protanomaly

44.3385, 0.2816, 0.2972

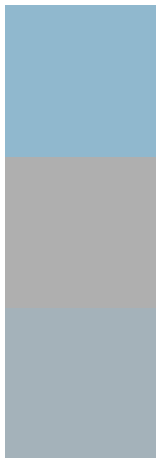
Deuteranomaly

44.5613, 0.2818, 0.2912

Tritanomaly

44.8018, 0.2683, 0.3056

Monochromacy



Original Color

44.6665, 0.2663, 0.2990

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.2785, 0.2947, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6665, 0.2663, 0.2990 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(144, 184, 206)` looks like.

```
.text, #text, p{  
    color:rgb(144, 184, 206)  
}
```

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(144, 184, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 184, 206) }
```

Border

The CSS property to change the border of an element to Yxy 44.6665, 0.2663, 0.2990 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(144, 184, 206) }
```

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

```
.border{ border-color:rgb(144, 184, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 184, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 184, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 184, 206);  
box-shadow:4px 4px 4px 4px rgb(144, 184,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6665, 0.2663, 0.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 184, 206) }
```

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

```
.background{ background-color: rgb(144,  
184, 206) }
```

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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