

Converting Colors

$Yxy(44.9718, 0.2665, 0.2991)$

Have a look what the booklet for
Yxy(44.9718, 0.2665, 0.2991)
contains.

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Color

Yxy(45.2227, 0.2665, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	91B9CF
RGB	145, 185, 207
RGB Percent	57%, 73%, 81%
CMY	0.4316, 0.2744, 0.1882
CMYK	0.30, 0.11, 0.00, 0.19
HSL	201°, 39%, 69%
HSV	201°, 30%, 81%
XYZ	40.2802, 45.2227, 65.6424
YIQ	175.5480, -30.9020, -1.6380

Conversions

Conversions Part 2

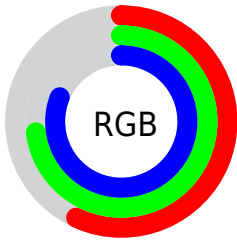
Format	Color
RYB	145, 169, 207
Decimal	9550287
CIELab	73.04, -8.22, -15.44
CIElCh	73, 17.492, 241.976
Yxy	45.2227, 0.2665, 0.2992
Android (android.graphics.Color)	4287740367 (0xFF91B9CF)
YUV	175.5480, 15.5058, -26.7906
Hunter-Lab	67.2478, -10.7654, -10.8011

Details

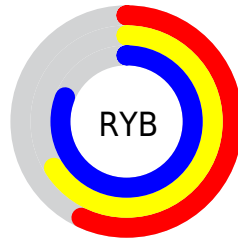
The Yxy color **45.2227, 0.2665, 0.2992** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9190, 0.3713, 0.3569**, and the grayscale version is **43.0934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4100, 0.2795, 0.3141**, and **21.0777, 0.2532, 0.2898** is the 20% darker color. If you saturate the color by 10%, you get **40.5231, 0.2516, 0.2874**, and if you desaturate by 10%, it is **50.4268, 0.2819, 0.3101**.

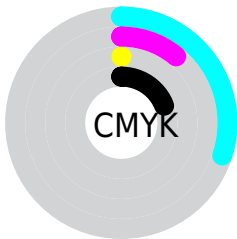
Distribution



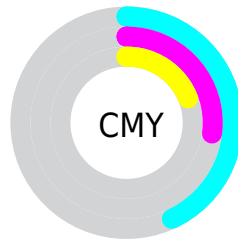
- Red (57%)
- Green (73%)
- Blue (81%)



- Red (57%)
- Yellow (66%)
- Blue (81%)



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





- Cyan (43%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2227, 0.2665, 0.2992 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 45.2227, 0.2665, 0.2992 by changing the saturation by 10% instead.

 45.2227, 0.2665,
0.2992

 45.2227, 0.2665,
0.2992


367.6748, 0.2894,
0.3144

 31.6329, 0.2609,
0.2954


 83.0545, 0.2747,
0.3048

 21.0812, 0.2538,
0.2904


 108.0653, 0.2778,
0.3068

 13.1834, 0.2444,
0.2837

137.6518, 0.2805,
0.3086

 7.5550, 0.2315,
0.2744

172.1985, 0.2828,
0.3101

 3.8115, 0.2129,
0.2603

212.0897, 0.2847,
0.3114

 1.5687, 0.1840,
0.2373

257.7099, 0.2865,

 0.3364, 0.0600,

0.3125

0.1694

309.4435, 0.2880,
0.3135

0.0000, 0.0000,
0.0000

45.2227, 0.2665,
0.2992

45.2227, 0.2665,
0.2992

40.5231, 0.2516,
0.2874

50.4268, 0.2819,
0.3101

36.3015, 0.2375,
0.2749

56.1494, 0.2974,
0.3200

32.5371, 0.2246,
0.2618

62.4108, 0.3127,
0.3290

29.2045, 0.2133,
0.2482

69.2282, 0.3277,
0.3371

26.2753, 0.2039,
0.2346

76.6181, 0.3422,
0.3442

■ 23.7163, 0.1966,
0.2210

■ 81.8150, 0.3457,
0.3512

■ 21.4680, 0.1910,
0.2077

■ 85.9601, 0.3444,
0.3584

■ 21.4652, 0.1910,
0.2077

■ 90.2787, 0.3431,
0.3654

■ 94.7729, 0.3418,
0.3724

Harmonies

Analogous

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



45.2227, 0.2687, 0.3182



45.2227, 0.2665, 0.2992



45.2227, 0.2760, 0.2890

Triad

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



45.2227, 0.2665, 0.2992



45.2227, 0.3435, 0.3162



45.2227, 0.3289, 0.3723

Complementary

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



45.2227, 0.2665, 0.2992



42.9190, 0.3713, 0.3569

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.



45.2227, 0.3499, 0.3699



45.2227, 0.2665, 0.2992



45.2227, 0.3588, 0.3369

Square

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



45.2227, 0.2665, 0.2992



45.2227, 0.3200, 0.2991



45.2227, 0.3611, 0.3565



45.2227, 0.3041, 0.3619

Rectangle

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



45.2227, 0.2665, 0.2992



45.2227, 0.2880, 0.2880



45.2227, 0.3611, 0.3565



45.2227, 0.3366, 0.3729

Sweetspot

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



45.2245, 0.2665, 0.2992



90.8259, 0.2987, 0.3209



53.4213, 0.2946, 0.3846



19.1376, 0.2965, 0.3195



0.0000, 0.0000, 0.0000



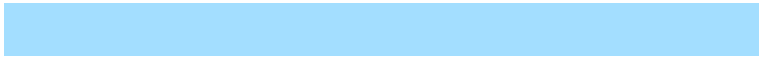
21.4041, 0.3127, 0.3290

Same Dimension

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



45.2245, 0.2665, 0.2992



67.5246, 0.2568, 0.2917



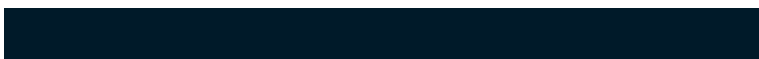
33.7113, 0.2616, 0.2555



12.6729, 0.2983, 0.3206



13.7068, 0.1915, 0.2095



0.9129, 0.1983, 0.2340

Inverse Universe

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



37.0008, 0.3372, 0.2797



52.8251, 0.3441, 0.2688



55.5592, 0.3606, 0.3931



11.9350, 0.3191, 0.3141



9.4550, 0.4346, 0.2168



0.5435, 0.4085, 0.2024

Previews

White Background



This preview shows how the Yxy color 45.2227, 0.2665, 0.2992 looks on a white background.

Color Contrast Check

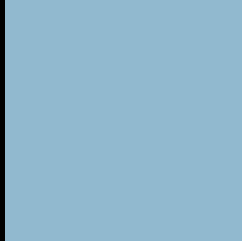
Large Text (above 18pt) WCAG AA × Fail

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 45.2227, 0.2665, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

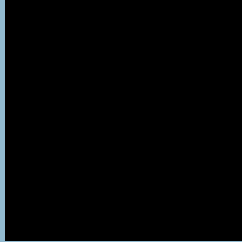
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

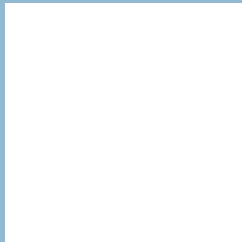
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2227, 0.2665, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 45.2227, 0.2665, 0.2992.



This preview shows how white text looks on a background with the Yxy color 45.2227, 0.2665, 0.2992.

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

45.2227, 0.2665, 0.2992

Protanopia

44.8225, 0.2916, 0.2967

Deuteranopia

45.2085, 0.2920, 0.2862



Tritanopia

45.2641, 0.2698, 0.3084

Trichromacy



Original Color

45.2227, 0.2665, 0.2992

Protanomaly

44.8947, 0.2817, 0.2974

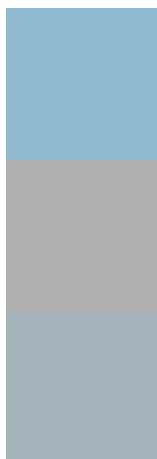
Deuteranomaly

45.2293, 0.2827, 0.2914

Tritanomaly

45.3589, 0.2685, 0.3057

Monochromacy



Original Color

45.2227, 0.2665, 0.2992

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.8274, 0.2947, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2227, 0.2665, 0.2992 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(145, 185, 207)` looks like.

```
.text, #text, p{  
    color:rgb(145, 185, 207)  
}
```

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(145, 185, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 185, 207) }
```

Border

The CSS property to change the border of an element to Yxy 45.2227, 0.2665, 0.2992 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(145, 185, 207) }
```

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

```
.border{ border-color:rgb(145, 185, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 185, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 185, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 185, 207);  
box-shadow:4px 4px 4px 4px rgb(145, 185,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2227, 0.2665, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 185, 207) }
```

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

```
.background{ background-color: rgb(145,  
185, 207) }
```

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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