

Converting Colors

$Yxy(45.0964, 0.2705, 0.2956)$

Have a look what the booklet for
Yxy(45.0964, 0.2705, 0.2956)
contains.

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Color

Yxy(45.0964, 0.2705, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	98B7D0
RGB	152, 183, 208
RGB Percent	60%, 72%, 82%
CMY	0.4039, 0.2823, 0.1844
CMYK	0.27, 0.12, 0.00, 0.18
HSL	207°, 37%, 71%
HSV	207°, 27%, 82%
XYZ	41.2672, 45.0964, 66.1953
YIQ	176.5810, -26.5010, 1.2030

Conversions

Conversions Part 2

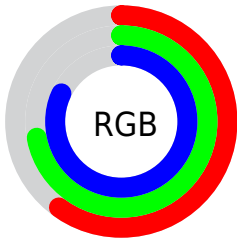
Format	Color
RYB	152, 172, 208
Decimal	10008528
CIELab	72.96, -4.82, -16.06
CIELCh	73, 16.764, 253.297
Yxy	45.0964, 0.2705, 0.2956
Android (android.graphics.Color)	4288198608 (0xFF98B7D0)
YUV	176.5810, 15.4896, -21.5575
Hunter-Lab	67.1539, -7.8280, -11.4360

Details

The Yxy color **45.0964, 0.2705, 0.2956** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **47.1173, 0.3623, 0.3602**, and the grayscale version is **43.6645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2184, 0.2834, 0.3121**, and **21.0077, 0.2588, 0.2850** is the 20% darker color. If you saturate the color by 10%, you get **39.5599, 0.2546, 0.2809**, and if you desaturate by 10%, it is **51.2411, 0.2864, 0.3091**.

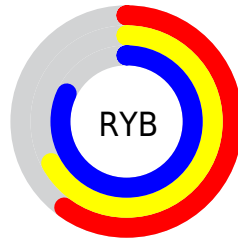
Distribution



Red (60%)

Green (72%)

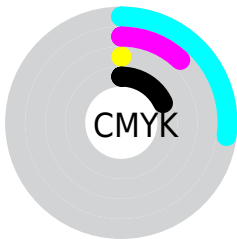
Blue (82%)



Red (60%)

Yellow (67%)

Blue (82%)

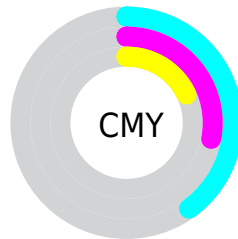


Cyan (27%)

Magenta (12%)

Yellow (0%)

Black (18%)



Cyan (40%)

Magenta (28%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0964, 0.2705, 0.2956 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 45.0964, 0.2705, 0.2956 by changing the saturation by 10% instead.

■ 45.0964, 0.2705,
0.2956

■ 45.0964, 0.2705,
0.2956

■ 367.1638, 0.2914,
0.3124

■ 31.5334, 0.2653,
0.2914

■ 82.8651, 0.2781,
0.3017

■ 21.0053, 0.2588,
0.2859

■ 107.8395, 0.2809,
0.3040

■ 13.1279, 0.2501,
0.2787

■ 137.3864, 0.2833,
0.3060

■ 7.5167, 0.2382,
0.2686

■ 171.8904, 0.2854,
0.3076

■ 3.7873, 0.2209,
0.2537

■ 211.7357, 0.2872,
0.3091

■ 1.5553, 0.1938,
0.2295

■ 257.3068, 0.2888,

■ 0.3272, 0.0922,

0.3103

0.1561

308.9880, 0.2902,
0.3115

0.0000, 0.0000,
0.0000

45.0964, 0.2705,
0.2956

45.0964, 0.2705,
0.2956

39.5599, 0.2546,
0.2809

51.2411, 0.2864,
0.3091

34.6028, 0.2392,
0.2651

58.0101, 0.3021,
0.3213

30.2020, 0.2246,
0.2484

65.4259, 0.3173,
0.3322

26.3301, 0.2115,
0.2312

73.5079, 0.3319,
0.3420

22.9569, 0.2001,
0.2137

82.0838, 0.3450,
0.3506

■ 20.0473, 0.1908,
0.1965

■ 87.3716, 0.3433,
0.3597

■ 17.5572, 0.1838,
0.1799

■ 92.9385, 0.3418,
0.3685

■ 16.8511, 0.1819,
0.1748

■ 97.3335, 0.3406,
0.3751

Harmonies

Analogous

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



45.0964, 0.2683, 0.3110



45.0964, 0.2705, 0.2956



45.0964, 0.2836, 0.2895

Triad

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



45.0964, 0.2705, 0.2956



45.0964, 0.3490, 0.3241



45.0964, 0.3193, 0.3681

Complementary

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



45.0964, 0.2705, 0.2956



47.1173, 0.3623, 0.3602

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.



45.0964, 0.3416, 0.3705



45.0964, 0.2705, 0.2956



45.0964, 0.3593, 0.3441

Square

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



45.0964, 0.2705, 0.2956



45.0964, 0.3288, 0.3058



45.0964, 0.3565, 0.3613



45.0964, 0.2959, 0.3539

Rectangle

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



45.0964, 0.2705, 0.2956



45.0964, 0.2970, 0.2910



45.0964, 0.3565, 0.3613



45.0964, 0.3272, 0.3703

Sweetspot

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



45.0982, 0.2705, 0.2956



90.6619, 0.3003, 0.3199



54.9273, 0.2934, 0.3716



19.0456, 0.2979, 0.3181



0.0000, 0.0000, 0.0000



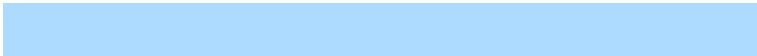
21.4041, 0.3127, 0.3290

Same Dimension

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



45.0982, 0.2705, 0.2956



66.5942, 0.2618, 0.2877



34.9201, 0.2668, 0.2575



12.4875, 0.2983, 0.3184



10.6994, 0.1825, 0.1771



0.7553, 0.1910, 0.2076

Inverse Universe

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



39.2868, 0.3390, 0.2909



56.3932, 0.3461, 0.2829



58.9829, 0.3541, 0.3917



11.9162, 0.3205, 0.3162



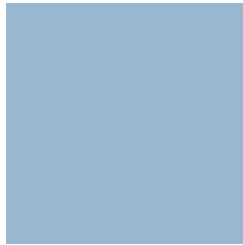
9.1514, 0.4720, 0.2374



0.5275, 0.4368, 0.2180

Previews

White Background



This preview shows how the Yxy color 45.0964, 0.2705, 0.2956 looks on a white background.

Color Contrast Check

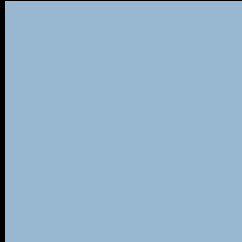
Large Text (above 18pt) WCAG AA × Fail

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 45.0964, 0.2705, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

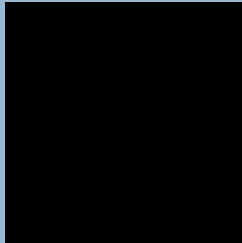
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

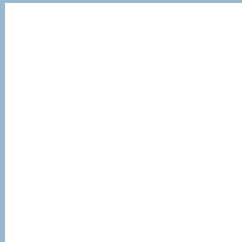
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0964, 0.2705, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 45.0964, 0.2705, 0.2956.



This preview shows how white text looks on a background with the Yxy color 45.0964, 0.2705, 0.2956.

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

45.0964, 0.2705, 0.2956

Protanopia

44.8026, 0.2893, 0.2941

Deuteranopia

44.7490, 0.2905, 0.2836



Tritanopia

44.8885, 0.2751, 0.3085

Trichromacy



Original Color

45.0964, 0.2705, 0.2956

Protanomaly

44.7550, 0.2825, 0.2949

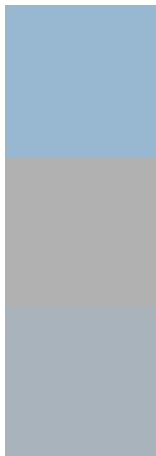
Deuteranomaly

44.5938, 0.2826, 0.2877

Tritanomaly

45.1246, 0.2738, 0.3046

Monochromacy



Original Color

45.0964, 0.2705, 0.2956

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.1959, 0.2964, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0964, 0.2705, 0.2956 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(152, 183, 208)` looks like.

```
.text, #text, p{  
    color:rgb(152, 183, 208)  
}
```

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(152, 183, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 183, 208) }
```

Border

The CSS property to change the border of an element to Yxy 45.0964, 0.2705, 0.2956 is called "border". The border property can be set on classes, ids or directly on the HTML element.

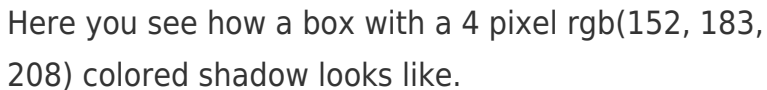
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 183, 208) }
```

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

```
.border{ border-color:rgb(152, 183, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 183, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 183, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 183, 208); box-shadow:4px 4px 4px 4px rgb(152, 183, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0964, 0.2705, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 183, 208) }
```

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

```
.background{ background-color: rgb(152,  
183, 208) }
```

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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