

Converting Colors

$Y_{xy}(45.8928, 0.2589, 0.2897)$

Have a look what the booklet for
Yxy(45.8928, 0.2589, 0.2897)
contains.

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Color

Yxy(45.7384, 0.2586, 0.2889)

Conversions

Conversions Part 1

Format	Color
Hex	8DBAD8
RGB	141, 186, 216
RGB Percent	55%, 73%, 85%
CMY	0.4470, 0.2706, 0.1529
CMYK	0.35, 0.14, 0.00, 0.15
HSL	204°, 49%, 70%
HSV	204°, 35%, 85%
XYZ	40.9413, 45.7384, 71.6394
YIQ	175.9650, -36.4500, -0.2100

Conversions

Conversions Part 2

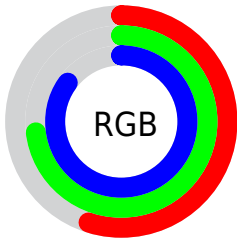
Format	Color
R _{YB}	141, 169, 216
Decimal	9288408
CIE Lab	73.38, -7.63, -19.86
CIE LCh	73, 21.270, 248.984
Yxy	45.7384, 0.2586, 0.2889
Android (android.graphics.Color)	4287478488 (0xFF8DBAD8)
YUV	175.9650, 19.7373, -30.6643
Hunter-Lab	67.6302, -10.2941, -15.4637

Details

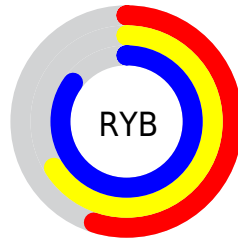
The Yxy color **45.7384, 0.2586, 0.2889** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **45.6619, 0.3820, 0.3657**, and the grayscale version is **43.3097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5946, 0.2778, 0.3151**, and **21.4230, 0.2443, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **40.4944, 0.2435, 0.2750**, and if you desaturate by 10%, it is **51.5756, 0.2742, 0.3018**.

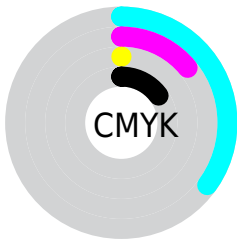
Distribution



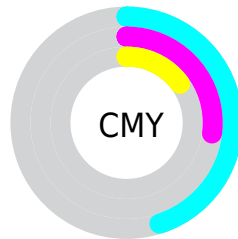
- Red (55%)
- Green (73%)
- Blue (85%)



- Red (55%)
- Yellow (66%)
- Blue (85%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.7384, 0.2586, 0.2889 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 45.7384, 0.2586, 0.2889 by changing the saturation by 10% instead.

■ 45.7384, 0.2586,
0.2889

■ 45.7384, 0.2586,
0.2889

■ 369.7559, 0.2852,
0.3091

■ 32.0394, 0.2521,
0.2838

■ 83.8274, 0.2681,
0.2963

■ 21.3916, 0.2439,
0.2773

■ 108.9861, 0.2718,
0.2990

■ 13.4106, 0.2333,
0.2687

■ 138.7336, 0.2748,
0.3014

■ 7.7119, 0.2188,
0.2568

■ 173.4543, 0.2775,
0.3034

■ 3.9111, 0.1981,
0.2393

■ 213.5324, 0.2798,
0.3051

■ 1.6240, 0.1669,
0.2116

■ 259.3525, 0.2818,

■ 0.3737, 0.0650,

0.3066

0.1438

311.2989, 0.2836,
0.3079

0.0000, 0.0000,
0.0000

45.7384, 0.2586,
0.2889

45.7384, 0.2586,
0.2889

40.4944, 0.2435,
0.2750

51.5756, 0.2742,
0.3018

35.8128, 0.2293,
0.2603

58.0243, 0.2899,
0.3136

31.6678, 0.2164,
0.2450

65.1083, 0.3055,
0.3243

28.0284, 0.2053,
0.2294

72.8484, 0.3207,
0.3339

24.8593, 0.1963,
0.2139

81.2643, 0.3353,
0.3425

■ 22.1185, 0.1894,
0.1987

■ 87.2893, 0.3383,
0.3508

■ 20.8065, 0.1863,
0.1908

■ 92.4408, 0.3370,
0.3591

■ 97.7382, 0.3357,
0.3671

Harmonies

Analogous

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



45.7384, 0.2579, 0.3095



45.7384, 0.2586, 0.2889



45.7384, 0.2730, 0.2799

Triad

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



45.7384, 0.2586, 0.2889



45.7384, 0.3556, 0.3190



45.7384, 0.3251, 0.3803

Complementary

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



45.7384, 0.2586, 0.2889



45.6619, 0.3820, 0.3657

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.



45.7384, 0.3525, 0.3806



45.7384, 0.2586, 0.2889



45.7384, 0.3709, 0.3440

Square

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



45.7384, 0.2586, 0.2889



45.7384, 0.3285, 0.2973



45.7384, 0.3695, 0.3666



45.7384, 0.2953, 0.3642

Rectangle

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



45.7384, 0.2586, 0.2889



45.7384, 0.2889, 0.2808



45.7384, 0.3695, 0.3666



45.7384, 0.3349, 0.3822

Sweetspot

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



45.7402, 0.2586, 0.2889



89.1411, 0.2972, 0.3187



57.7206, 0.2898, 0.3899



18.7698, 0.2950, 0.3172



0.0000, 0.0000, 0.0000



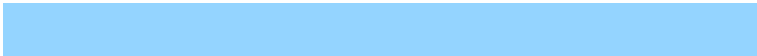
21.4041, 0.3127, 0.3290

Same Dimension

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



45.7402, 0.2586, 0.2889



60.6626, 0.2469, 0.2783



31.9675, 0.2516, 0.2362



13.2351, 0.2982, 0.3194



12.5310, 0.1870, 0.1931



0.9158, 0.1942, 0.2190

Inverse Universe

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



37.2021, 0.3458, 0.2754



47.1689, 0.3559, 0.2635



61.8834, 0.3674, 0.4074



12.5446, 0.3198, 0.3151



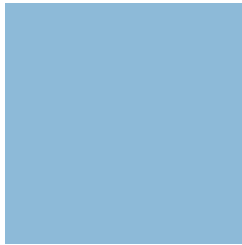
9.6099, 0.4532, 0.2270



0.5958, 0.4243, 0.2111

Previews

White Background



This preview shows how the Yxy color 45.7384, 0.2586, 0.2889 looks on a white background.

Color Contrast Check

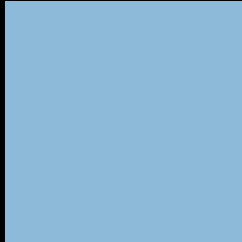
Large Text (above 18pt) WCAG AA × Fail

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 45.7384, 0.2586, 0.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

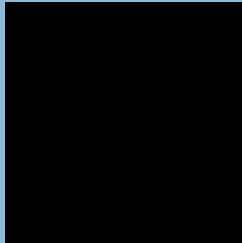
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7384, 0.2586, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 45.7384, 0.2586, 0.2889.



This preview shows how white text looks on a background with the Yxy color 45.7384, 0.2586, 0.2889.

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

45.7384, 0.2586, 0.2889

Protanopia

45.4282, 0.2836, 0.2868

Deuteranopia

45.5776, 0.2824, 0.2766



Tritanopia

45.6815, 0.2648, 0.3083

Trichromacy



Original Color

45.7384, 0.2586, 0.2889

Protanomaly

45.4289, 0.2734, 0.2873

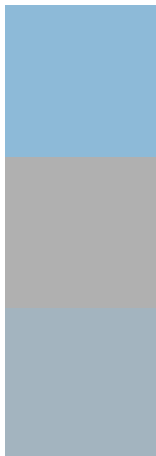
Deuteranomaly

45.6516, 0.2736, 0.2816

Tritanomaly

45.5837, 0.2623, 0.3004

Monochromacy



Original Color

45.7384, 0.2586, 0.2889

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.1906, 0.2902, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7384, 0.2586, 0.2889 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(141, 186, 216)` looks like.

```
.text, #text, p{  
    color:rgb(141, 186, 216)  
}
```

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(141, 186, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 186, 216) }
```

Border

The CSS property to change the border of an element to Yxy 45.7384, 0.2586, 0.2889 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(141, 186, 216) }
```

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

```
.border{ border-color:rgb(141, 186, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 186, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 186, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 186, 216);  
box-shadow:4px 4px 4px 4px rgb(141, 186,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7384, 0.2586, 0.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 186, 216) }
```

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

```
.background{ background-color: rgb(141,  
186, 216) }
```

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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