

Converting Colors

$Yxy(45.3655, 0.2608, 0.2812)$

Have a look what the booklet for
Yxy(45.3655, 0.2608, 0.2812)
contains.

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Color

Yxy(45.2773, 0.2608, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	94B7DB
RGB	148, 183, 219
RGB Percent	58%, 72%, 86%
CMY	0.4199, 0.2822, 0.1413
CMYK	0.32, 0.16, 0.00, 0.14
HSL	210°, 50%, 72%
HSV	210°, 32%, 86%
XYZ	41.9181, 45.2773, 73.5334
YIQ	176.6390, -32.4160, 3.7760

Conversions

Conversions Part 2

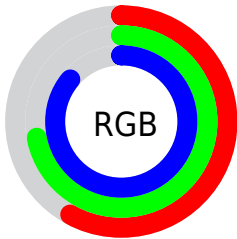
Format	Color
RYB	148, 171, 219
Decimal	9746395
CIELab	73.07, -3.35, -21.89
CIELCh	73, 22.150, 261.301
Yxy	45.2773, 0.2608, 0.2817
Android (android.graphics.Color)	4287936475 (0xFF94B7DB)
YUV	176.6390, 20.8840, -25.1164
Hunter-Lab	67.2884, -6.5561, -17.6908

Details

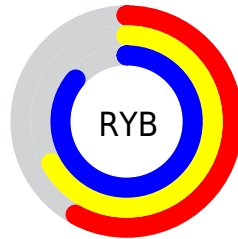
The Yxy color **45.2773, 0.2608, 0.2817** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.4180, 0.3736, 0.3719**, and the grayscale version is **43.6610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7904, 0.2816, 0.3120**, and **21.0785, 0.2467, 0.2680** is the 20% darker color. If you saturate the color by 10%, you get **39.0354, 0.2445, 0.2641**, and if you desaturate by 10%, it is **52.2687, 0.2772, 0.2979**.

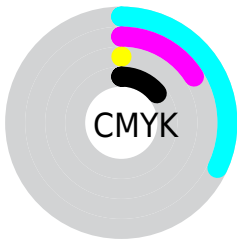
Distribution



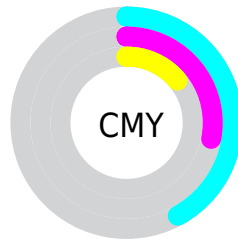
- Red (58%)
- Green (72%)
- Blue (86%)



- Red (58%)
- Yellow (67%)
- Blue (86%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (42%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2773, 0.2608, 0.2817 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 45.2773, 0.2608, 0.2817 by changing the saturation by 10% instead.

■ 45.2773, 0.2608,
0.2817

■ 45.2773, 0.2608,
0.2817

367.8955, 0.2864,
0.3053

■ 31.6759, 0.2546,
0.2759

■ 83.1364, 0.2700,
0.2902

■ 21.1141, 0.2466,
0.2684

■ 108.1628, 0.2735,
0.2935

■ 13.2074, 0.2363,
0.2587

137.7664, 0.2765,
0.2962

■ 7.5715, 0.2222,
0.2452

172.3316, 0.2790,
0.2985

■ 3.8220, 0.2021,
0.2259

212.2427, 0.2812,
0.3006

■ 1.5745, 0.1716,
0.1959

257.8841, 0.2832,

■ 0.3403, 0.0857,

0.3023

0.1207

309.6402, 0.2849,
0.3039

0.0000, 0.0000,
0.0000

45.2773, 0.2608,
0.2817

45.2773, 0.2608,
0.2817

39.0354, 0.2445,
0.2641

52.2687, 0.2772,
0.2979

33.5076, 0.2287,
0.2454

60.0324, 0.2934,
0.3127

28.6631, 0.2139,
0.2258

68.5965, 0.3090,
0.3260

24.4662, 0.2008,
0.2060

77.9862, 0.3239,
0.3378

20.8766, 0.1898,
0.1863

87.7666, 0.3362,
0.3483

■ 17.8475, 0.1812,
0.1674

■ 94.4326, 0.3347,
0.3590

■ 15.8798, 0.1761,
0.1539

■ 97.8934, 0.3340,
0.3641

Harmonies

Analogous

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



45.2773, 0.2541, 0.2984



45.2773, 0.2608, 0.2817



45.2773, 0.2809, 0.2777

Triad

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



45.2773, 0.2608, 0.2817



45.2773, 0.3660, 0.3291



45.2773, 0.3126, 0.3777

Complementary

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



45.2773, 0.2608, 0.2817



51.4180, 0.3736, 0.3719

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.



45.2773, 0.3433, 0.3849



45.2773, 0.2608, 0.2817



45.2773, 0.3751, 0.3549

Square

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



45.2773, 0.2608, 0.2817



45.2773, 0.3418, 0.3045



45.2773, 0.3665, 0.3757



45.2773, 0.2830, 0.3551

Rectangle

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



45.2773, 0.2608, 0.2817



45.2773, 0.2999, 0.2820



45.2773, 0.3665, 0.3757



45.2773, 0.3232, 0.3820

Sweetspot

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



45.2791, 0.2608, 0.2817



87.5237, 0.2971, 0.3160



60.3780, 0.2869, 0.3756



18.3784, 0.2949, 0.3140



0.0000, 0.0000, 0.0000



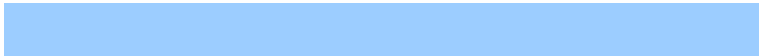
21.4041, 0.3127, 0.3290

Same Dimension

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



45.2791, 0.2608, 0.2817



57.7562, 0.2495, 0.2697



32.5537, 0.2548, 0.2333



13.6744, 0.2982, 0.3169



9.6364, 0.1768, 0.1566



0.7966, 0.1851, 0.1864

Inverse Universe

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



39.6295, 0.3506, 0.2874



49.2789, 0.3618, 0.2784



67.8450, 0.3615, 0.4096



13.1583, 0.3215, 0.3175



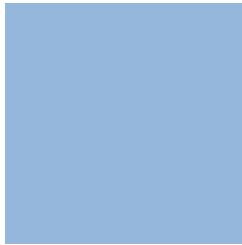
9.5966, 0.4974, 0.2514



0.6391, 0.4610, 0.2313

Previews

White Background



This preview shows how the Yxy color 45.2773, 0.2608, 0.2817 looks on a white background.

Color Contrast Check

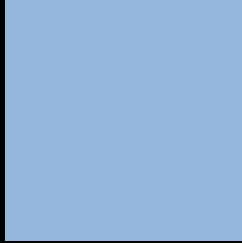
Large Text (above 18pt) WCAG AA × Fail

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 45.2773, 0.2608, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

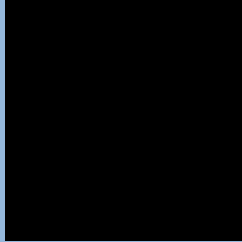
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

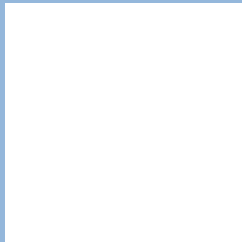
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2773, 0.2608, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 45.2773, 0.2608, 0.2817.



This preview shows how white text looks on a background with the Yxy color 45.2773, 0.2608, 0.2817.

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

45.2773, 0.2608, 0.2817

Protanopia

45.0085, 0.2792, 0.2806

Deuteranopia

44.9944, 0.2779, 0.2715



Tritanopia

45.2641, 0.2698, 0.3084

Trichromacy



Original Color

45.2773, 0.2608, 0.2817

Protanomaly

44.9846, 0.2727, 0.2812

Deuteranomaly

45.0074, 0.2714, 0.2754

Tritanomaly

45.2717, 0.2659, 0.2979

Monochromacy



Original Color

45.2773, 0.2608, 0.2817

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.1530, 0.2918, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2773, 0.2608, 0.2817 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(148, 183, 219)` looks like.

```
.text, #text, p{  
    color:rgb(148, 183, 219)  
}
```

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(148, 183, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 183, 219) }
```

Border

The CSS property to change the border of an element to Yxy 45.2773, 0.2608, 0.2817 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(148, 183, 219) }
```

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

```
.border{ border-color:rgb(148, 183, 219) }
```

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

Here you see how a box with a 4 pixel rgb(148, 183, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 183, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 183, 219);  
box-shadow:4px 4px 4px 4px rgb(148, 183,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2773, 0.2608, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 183, 219) }
```

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

```
.background{ background-color: rgb(148,  
183, 219) }
```

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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