

Converting Colors

$Yxy(45.0776, 0.2789, 0.2994)$

Have a look what the booklet for
Yxy(45.0776, 0.2789, 0.2994)
contains.

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Color

Yxy(45.2891, 0.2789, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	A0B6CC
RGB	160, 182, 204
RGB Percent	63%, 71%, 80%
CMY	0.3723, 0.2863, 0.2000
CMYK	0.22, 0.11, 0.00, 0.20
HSL	210°, 30%, 71%
HSV	210°, 22%, 80%
XYZ	42.1319, 45.2891, 63.6434
YIQ	177.9300, -20.1740, 2.1780

Conversions

Conversions Part 2

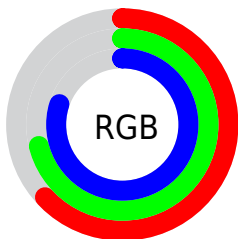
Format	Color
R _{YB}	160, 175, 204
Decimal	10532556
CIE Lab	73.08, -2.74, -13.63
CIE LCh	73, 13.905, 258.647
Yxy	45.2891, 0.2789, 0.2998
Android (android.graphics.Color)	4288722636 (0xFFA0B6CC)
YUV	177.9300, 12.8525, -15.7246
Hunter-Lab	67.2972, -6.0189, -8.9630

Details

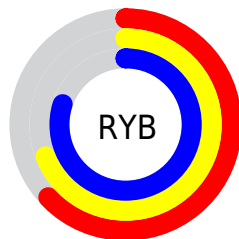
The Yxy color `45.2891, 0.2789, 0.2998` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `48.8579, 0.3502, 0.3565`, and the grayscale version is `44.4263, 0.3127, 0.3290`.

A 20% lighter version of the original color is `82.8161, 0.2881, 0.3113`, and `21.0907, 0.2694, 0.2908` is the 20% darker color. If you saturate the color by 10%, you get `39.3244, 0.2626, 0.2840`, and if you desaturate by 10%, it is `51.9078, 0.2949, 0.3142`.

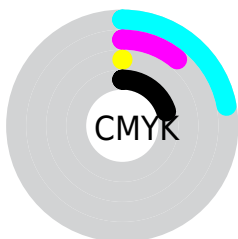
Distribution



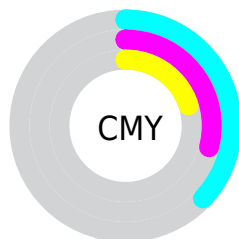
- Red (63%)
- Green (71%)
- Blue (80%)



- Red (63%)
- Yellow (69%)
- Blue (80%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (37%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2891, 0.2789, 0.2998 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 45.2891, 0.2789, 0.2998 by changing the saturation by 10% instead.

■ 45.2891, 0.2789,
0.2998

■ 45.2891, 0.2789,
0.2998

367.9432, 0.2957,
0.3145

■ 31.6852, 0.2747,
0.2961

■ 83.1541, 0.2850,
0.3051

■ 21.1212, 0.2694,
0.2914

■ 108.1839, 0.2873,
0.3071

■ 13.2126, 0.2624,
0.2851

137.7912, 0.2892,
0.3088

■ 7.5751, 0.2526,
0.2764

172.3604, 0.2909,
0.3103

■ 3.8243, 0.2383,
0.2633

212.2757, 0.2923,
0.3115

■ 1.5758, 0.2154,
0.2421

257.9217, 0.2936,

■ 0.3412, 0.1307,

0.3126

0.1732

309.6827, 0.2947,
0.3136

0.0000, 0.0000,
0.0000

45.2891, 0.2789,
0.2998

45.2891, 0.2789,
0.2998

39.3244, 0.2626,
0.2840

51.9078, 0.2949,
0.3142

33.9849, 0.2463,
0.2668

59.1969, 0.3104,
0.3271

29.2475, 0.2306,
0.2484

67.1790, 0.3251,
0.3387

25.0853, 0.2159,
0.2292

75.8740, 0.3391,
0.3488

21.4689, 0.2027,
0.2097

83.9379, 0.3470,
0.3583

■ 18.3652, 0.1915,
0.1902

■ 89.8931, 0.3451,
0.3681

■ 15.7359, 0.1826,
0.1715

■ 96.1888, 0.3432,
0.3777

■ 13.8290, 0.1768,
0.1564

■ 97.1394, 0.3430,
0.3790

Harmonies

Analogous

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



45.2891, 0.2753, 0.3115



45.2891, 0.2789, 0.2998



45.2891, 0.2913, 0.2961

Triad

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



45.2891, 0.2789, 0.2998



45.2891, 0.3450, 0.3280



45.2891, 0.3148, 0.3597

Complementary

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



45.2891, 0.2789, 0.2998



48.8579, 0.3502, 0.3565

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.



45.2891, 0.3338, 0.3637



45.2891, 0.2789, 0.2998



45.2891, 0.3516, 0.3446

Square

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



45.2891, 0.2789, 0.2998



45.2891, 0.3294, 0.3122



45.2891, 0.3474, 0.3578



45.2891, 0.2957, 0.3467

Rectangle

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



45.2891, 0.2789, 0.2998



45.2891, 0.3031, 0.2982



45.2891, 0.3474, 0.3578



45.2891, 0.3214, 0.3622

Sweetspot

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



45.2909, 0.2789, 0.2998



92.4210, 0.3035, 0.3214



54.0410, 0.2951, 0.3580



19.6107, 0.3024, 0.3206



0.0000, 0.0000, 0.0000



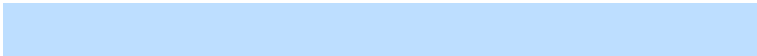
21.4041, 0.3127, 0.3290

Same Dimension

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



45.2909, 0.2789, 0.2998



70.1348, 0.2711, 0.2924



37.0007, 0.2768, 0.2696



11.7537, 0.2983, 0.3171



8.8909, 0.1775, 0.1588



0.6105, 0.1873, 0.1944

Inverse Universe

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



41.3753, 0.3349, 0.3018



62.7893, 0.3412, 0.2954



58.5596, 0.3449, 0.3822



11.3055, 0.3213, 0.3175



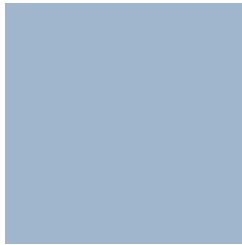
8.7005, 0.4946, 0.2498



0.4642, 0.4517, 0.2262

Previews

White Background



This preview shows how the Yxy color 45.2891, 0.2789, 0.2998 looks on a white background.

Color Contrast Check

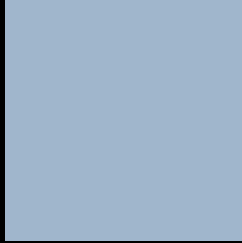
Large Text (above 18pt) WCAG AA × Fail

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 45.2891, 0.2789, 0.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

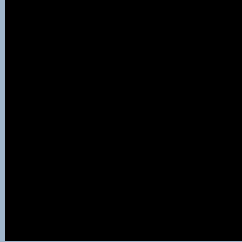
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

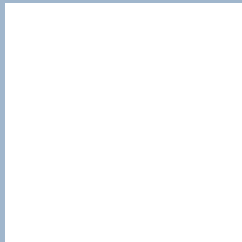
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2891, 0.2789, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 45.2891, 0.2789, 0.2998.



This preview shows how white text looks on a background with the Yxy color 45.2891, 0.2789, 0.2998.

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

45.2891, 0.2789, 0.2998

Protanopia

45.2879, 0.2932, 0.2993

Deuteranopia

45.3065, 0.2959, 0.2900



Tritanopia

45.3151, 0.2823, 0.3088

Trichromacy



Original Color

45.2891, 0.2789, 0.2998

Protanomaly

45.0505, 0.2877, 0.2989

Deuteranomaly

45.3625, 0.2895, 0.2943

Tritanomaly

45.4080, 0.2809, 0.3062

Monochromacy



Original Color

45.2891, 0.2789, 0.2998

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4860, 0.2997, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2891, 0.2789, 0.2998 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(160, 182, 204)` looks like.

```
.text, #text, p{  
    color:rgb(160, 182, 204)  
}
```

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(160, 182, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 182, 204) }
```

Border

The CSS property to change the border of an element to Yxy 45.2891, 0.2789, 0.2998 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(160, 182, 204) }
```

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

```
.border{ border-color:rgb(160, 182, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 182, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 182, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 182, 204);  
box-shadow:4px 4px 4px 4px rgb(160, 182,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2891, 0.2789, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 182, 204) }
```

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

```
.background{ background-color: rgb(160,  
182, 204) }
```

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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