

Converting Colors

$Yxy(60.9394, 0.2776, 0.2910)$

Have a look what the booklet for
Yxy(60.9394, 0.2776, 0.2910)
contains.

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Color

Yxy(60.9394, 0.2776, 0.2910)

Conversions

Conversions Part 1

Format	Color
Hex	BBCEEF
RGB	187, 206, 239
RGB Percent	73%, 81%, 94%
CMY	0.2668, 0.1921, 0.0628
CMYK	0.22, 0.14, 0.00, 0.06
HSL	218°, 62%, 84%
HSV	218°, 22%, 94%
XYZ	58.1333, 60.9394, 90.3411
YIQ	204.0810, -21.9170, 6.2350

Conversions

Conversions Part 2

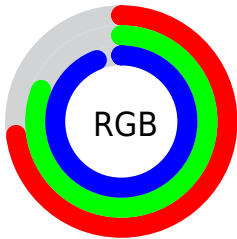
Format	Color
RYB	187, 201, 239
Decimal	12308207
CIELab	82.35, 0.52, -18.37
CIELCh	82, 18.379, 271.612
Yxy	60.9394, 0.2776, 0.2910
Android (android.graphics.Color)	4290498287 (0xFFBBCEEF)
YUV	204.0810, 17.2151, -14.9800
Hunter-Lab	78.0637, -3.6843, -13.9702

Details

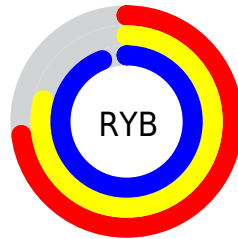
The Yxy color **60.9394, 0.2776, 0.2910** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.0729, 0.3496, 0.3643**, and the grayscale version is **60.3333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **30.8619, 0.2689, 0.2818** is the 20% darker color. If you saturate the color by 10%, you get **51.2325, 0.2602, 0.2704**, and if you desaturate by 10%, it is **71.8549, 0.2943, 0.3096**.

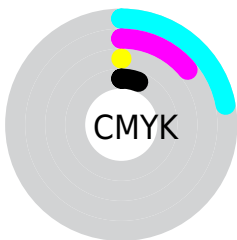
Distribution



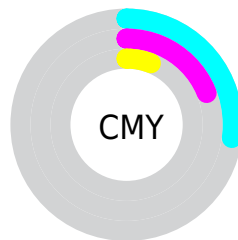
- Red (73%)
- Green (81%)
- Blue (94%)



- Red (73%)
- Yellow (79%)
- Blue (94%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (6%)



- Cyan (27%)
- Magenta (19%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9394, 0.2776, 0.2910 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 60.9394, 0.2776, 0.2910 by changing the saturation by 10% instead.

■ 60.9394, 0.2776,
0.2910

■ 60.9394, 0.2776,
0.2910

428.0518, 0.2942,
0.3090

■ 44.1763, 0.2737,
0.2868

■ 106.1912, 0.2834,
0.2973

■ 30.8091, 0.2689,
0.2816

135.4486, 0.2857,
0.2997

■ 20.4535, 0.2627,
0.2749

169.6396, 0.2876,
0.3018

■ 12.7251, 0.2545,
0.2661

209.1486, 0.2893,
0.3036

■ 7.2396, 0.2432,
0.2540

254.3599, 0.2908,
0.3052

■ 3.6124, 0.2267,
0.2363

305.6579, 0.2920,

■ 1.4592, 0.2006,

0.3066

0.2084

363.4271, 0.2932,
0.3079

0.2597, 0.1168,
0.1170

0.0000, 0.0000,
0.0000

60.9394, 0.2776,
0.2910

60.9394, 0.2776,
0.2910

51.2325, 0.2602,
0.2704

71.8549, 0.2943,
0.3096

42.6823, 0.2425,
0.2480

84.0137, 0.3100,
0.3263

35.2436, 0.2249,
0.2242

96.7596, 0.3223,
0.3411

28.8652, 0.2083,
0.1996

99.0106, 0.3220,
0.3444

■ 23.4913, 0.1933,
0.1750

■ 19.0595, 0.1806,
0.1513

■ 15.4982, 0.1709,
0.1297

■ 13.1413, 0.1650,
0.1139

Harmonies

Analogous

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



60.9394, 0.2686, 0.3009



60.9394, 0.2776, 0.2910



60.9394, 0.2959, 0.2911

Triad

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



60.9394, 0.2776, 0.2910



60.9394, 0.3564, 0.3363



60.9394, 0.3048, 0.3604

Complementary

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



60.9394, 0.2776, 0.2910



73.0729, 0.3496, 0.3643

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.



60.9394, 0.3284, 0.3702



60.9394, 0.2776, 0.2910



60.9394, 0.3588, 0.3550

Square

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



60.9394, 0.2776, 0.2910



60.9394, 0.3418, 0.3166



60.9394, 0.3483, 0.3678



60.9394, 0.2839, 0.3412

Rectangle

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



60.9394, 0.2776, 0.2910



60.9394, 0.3114, 0.2963



60.9394, 0.3483, 0.3678



60.9394, 0.3127, 0.3649

Sweetspot

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



60.9419, 0.2776, 0.2910



89.7663, 0.3019, 0.3178



77.4408, 0.2909, 0.3506



19.0321, 0.3009, 0.3168



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.



60.9419, 0.2776, 0.2910



65.5877, 0.2701, 0.2823



53.2071, 0.2809, 0.2691



16.1773, 0.2980, 0.3136



7.4922, 0.1658, 0.1168



0.8068, 0.1731, 0.1430

Inverse Universe

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



58.3254, 0.3411, 0.3085



62.3302, 0.3483, 0.3042



82.4681, 0.3407, 0.3842



15.8546, 0.3236, 0.3204



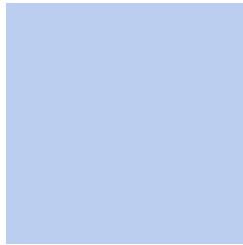
10.5497, 0.5512, 0.2810



0.8962, 0.5151, 0.2611

Previews

White Background



This preview shows how the Yxy color 60.9394, 0.2776, 0.2910 looks on a white background.

Color Contrast Check

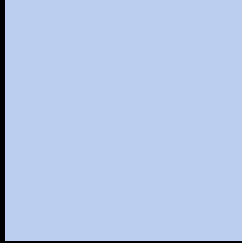
Large Text (above 18pt) WCAG AA × Fail

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 60.9394, 0.2776, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

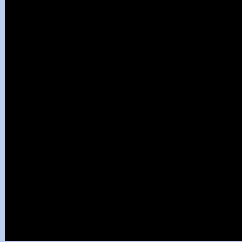
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9394, 0.2776, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 60.9394, 0.2776, 0.2910.



This preview shows how white text looks on a background with the Yxy color 60.9394, 0.2776, 0.2910.

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

60.9394, 0.2776, 0.2910

Protanopia

60.8321, 0.2861, 0.2904

Deuteranopia

60.8652, 0.2904, 0.2846



Tritanopia

60.7383, 0.2843, 0.3088

Trichromacy



Original Color

60.9394, 0.2776, 0.2910

Protanomaly

60.8281, 0.2828, 0.2902

Deuteranomaly

60.8117, 0.2856, 0.2862

Tritanomaly

60.6531, 0.2818, 0.3020

Monochromacy



Original Color

60.9394, 0.2776, 0.2910

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6782, 0.2992, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9394, 0.2776, 0.2910 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(187, 206, 239)` looks like.

```
.text, #text, p{  
    color:rgb(187, 206, 239)  
}
```

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(187, 206, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 206, 239) }
```

Border

The CSS property to change the border of an element to Yxy 60.9394, 0.2776, 0.2910 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(187, 206, 239) }
```

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

```
.border{ border-color:rgb(187, 206, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 206, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 206, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 206, 239);  
box-shadow:4px 4px 4px 4px rgb(187, 206,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9394, 0.2776, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 206, 239) }
```

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

```
.background{ background-color: rgb(187,  
206, 239) }
```

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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