

Converting Colors

$Yxy(44.1103, 0.2281, 0.2776)$

Have a look what the booklet for
Yxy(44.1103, 0.2281, 0.2776)
contains.

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Color

Yxy(44.1103, 0.2281, 0.2776)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5BBDE2 |
| RGB | 91, 189, 226 |
| RGB Percent | 36%, 74%, 89% |
| CMY | 0.6427, 0.2589, 0.1138 |
| CMYK | 0.60, 0.16, 0.00, 0.11 |
| HSL | 196°, 70%, 62% |
| HSV | 196°, 60%, 89% |
| XYZ | 36.2448, 44.1103, 78.5437 |
| YIQ | 163.9160, -70.2850, -9.2690 |

Conversions

Conversions Part 2

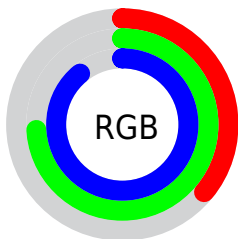
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 91, 148, 226 |
| Decimal | 6012386 |
| CIE Lab | 72.30, -18.03, -27.12 |
| CIE LCh | 72, 32.570, 236.385 |
| Yxy | 44.1103, 0.2281, 0.2776 |
| Android (android.graphics.Color) | 4284202466 (0xFF5BBDE2) |
| YUV | 163.9160, 30.6074, -63.9473 |
| Hunter-Lab | 66.4156, -18.8149, -23.6260 |

Details

The Yxy color **44.1103, 0.2281, 0.2776** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **32.3870, 0.4690, 0.3706**, and the grayscale version is **36.9717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2002, 0.2552, 0.3176**, and **20.5486, 0.2062, 0.2623** is the 20% darker color. If you saturate the color by 10%, you get **40.5200, 0.2179, 0.2673**, and if you desaturate by 10%, it is **48.1636, 0.2400, 0.2876**.

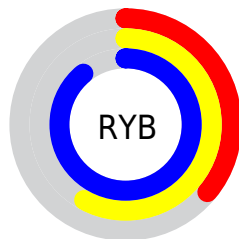
Distribution



Red (36%)

Green (74%)

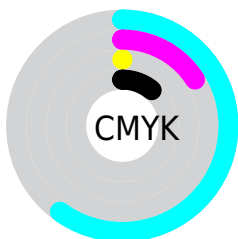
Blue (89%)



Red (36%)

Yellow (58%)

Blue (89%)

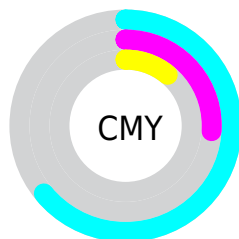


Cyan (60%)

Magenta (16%)

Yellow (0%)

Black (11%)



Cyan (64%)

Magenta (26%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1103, 0.2281, 0.2776 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 44.1103, 0.2281, 0.2776 by changing the saturation by 10% instead.

■ 44.1103, 0.2281,
0.2776

■ 44.1103, 0.2281,
0.2776

■ 363.1582, 0.2692,
0.3041

■ 30.7572, 0.2183,
0.2709

■ 81.3837, 0.2427,
0.2873

■ 20.4141, 0.2062,
0.2622

■ 106.0728, 0.2483,
0.2910

■ 12.6964, 0.1905,
0.2506

■ 135.3094, 0.2530,
0.2940

■ 7.2198, 0.1700,
0.2347

■ 169.4778, 0.2571,
0.2966

■ 3.5999, 0.1421,
0.2115

■ 208.9626, 0.2607,
0.2989

■ 1.4524, 0.1034,
0.1758

■ 254.1479, 0.2639,

■ 0.2549, 0.0000,

0.3009

0.0848

305.4183, 0.2667,
0.3026

0.0000, 0.0000,
0.0000

44.1103, 0.2281,
0.2776

44.1103, 0.2281,
0.2776

40.5200, 0.2179,
0.2673

48.1636, 0.2400,
0.2876

37.3544, 0.2097,
0.2569

52.7045, 0.2532,
0.2972

34.5756, 0.2035,
0.2466

57.7613, 0.2675,
0.3062

32.1181, 0.1990,
0.2364

63.3583, 0.2824,
0.3146

32.0437, 0.1989,
0.2361

69.5183, 0.2978,
0.3222

■ 76.2622, 0.3132,
0.3292

■ 83.6101, 0.3284,
0.3355

■ 88.2348, 0.3317,
0.3415

■ 91.9178, 0.3310,
0.3475

Harmonies

Analogous

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



44.1103, 0.2354, 0.3147



44.1103, 0.2281, 0.2776



44.1103, 0.2410, 0.2577

Triad

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



44.1103, 0.2281, 0.2776



44.1103, 0.3629, 0.2986



44.1103, 0.3495, 0.4130

Complementary

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



44.1103, 0.2281, 0.2776



32.3870, 0.4690, 0.3706

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.



44.1103, 0.3870, 0.4007



44.1103, 0.2281, 0.2776



44.1103, 0.3963, 0.3341

Square

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



44.1103, 0.2281, 0.2776



44.1103, 0.3165, 0.2709



44.1103, 0.4050, 0.3709



44.1103, 0.3037, 0.3988

Rectangle

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



44.1103, 0.2281, 0.2776



44.1103, 0.2600, 0.2546



44.1103, 0.4050, 0.3709



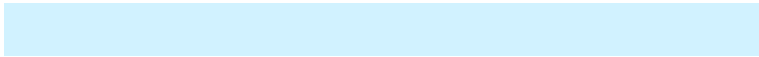
44.1103, 0.3635, 0.4115

Sweetspot

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



44.1119, 0.2281, 0.2776



84.5395, 0.2848, 0.3158



58.1482, 0.2875, 0.4729



17.6100, 0.2804, 0.3135



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.



44.1119, 0.2281, 0.2776



52.0685, 0.2154, 0.2644



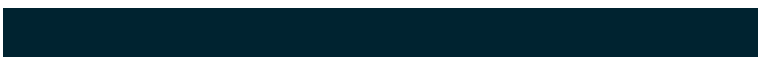
21.7808, 0.2061, 0.1790



14.9034, 0.2982, 0.3224



18.4914, 0.1994, 0.2377



1.4288, 0.2037, 0.2534

Inverse Universe

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



27.3402, 0.3609, 0.2228



30.2083, 0.3753, 0.2081



55.7357, 0.4169, 0.4413



13.8681, 0.3179, 0.3121



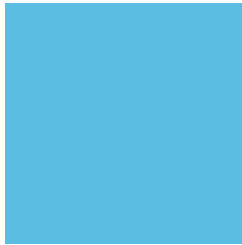
10.7748, 0.4047, 0.2003



0.7617, 0.3888, 0.1916

Previews

White Background



This preview shows how the Yxy color 44.1103, 0.2281, 0.2776 looks on a white background.

Color Contrast Check

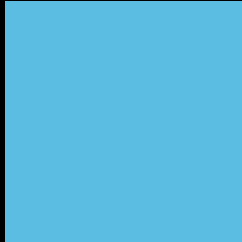
Large Text (above 18pt) WCAG AA × Fail

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 44.1103, 0.2281, 0.2776 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 44.1103, 0.2281, 0.2776

Background



This preview shows how black text looks on a background with the Yxy color 44.1103, 0.2281, 0.2776.



This preview shows how white text looks on a background with the Yxy color 44.1103, 0.2281, 0.2776.

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

44.1103, 0.2281, 0.2776

Protanopia

43.4455, 0.2752, 0.2750

Deuteranopia

43.5436, 0.2650, 0.2587



Tritanopia

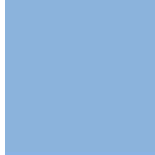
44.0923, 0.2343, 0.3056

Trichromacy



Original Color

44.1103, 0.2281, 0.2776



Protanomaly

42.8965, 0.2536, 0.2741



Deuteranomaly

43.2449, 0.2484, 0.2646



Tritanomaly

44.1463, 0.2318, 0.2946

Monochromacy



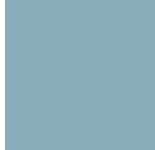
Original Color

44.1103, 0.2281, 0.2776



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

38.7934, 0.2723, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1103, 0.2281, 0.2776 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(91, 189, 226)` looks like.

```
.text, #text, p{  
    color:rgb(91, 189, 226)  
}
```

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(91, 189, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 189, 226) }
```

Border

The CSS property to change the border of an element to Yxy 44.1103, 0.2281, 0.2776 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(91, 189, 226) }
```

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

```
.border{ border-color:rgb(91, 189, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 189, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 189, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 189, 226);  
box-shadow:4px 4px 4px 4px rgb(91, 189,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1103, 0.2281, 0.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 189, 226) }
```

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

```
.background{ background-color: rgb(91, 189,  
226) }
```

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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