

Converting Colors

$Y_{xy}(41.3803, 0.2297, 0.2777)$

Have a look what the booklet for
Yxy(41.3803, 0.2297, 0.2777)
contains.

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Color

Yxy(41.2568, 0.2297, 0.2777)

Conversions

Conversions Part 1

Format	Color
Hex	5CB7DB
RGB	92, 183, 219
RGB Percent	36%, 72%, 86%
CMY	0.6396, 0.2823, 0.1412
CMYK	0.58, 0.16, 0.00, 0.14
HSL	197°, 64%, 61%
HSV	197°, 58%, 86%
XYZ	34.1256, 41.2568, 73.1837
YIQ	159.8950, -65.7920, -8.0960

Conversions

Conversions Part 2

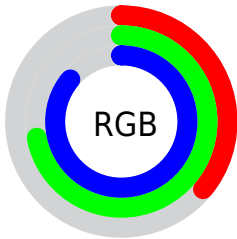
Format	Color
R_{YB}	92, 145, 219
Decimal	6076379
CIE _{Lab}	70.36, -16.85, -26.30
CIE _{LCh}	70, 31.237, 237.358
Yxy	41.2568, 0.2297, 0.2777
Android (android.graphics.Color)	4284266459 (0xFF5CB7DB)
YUV	159.8950, 29.1388, -59.5439
Hunter-Lab	64.2315, -17.5695, -22.5915

Details

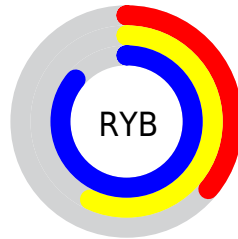
The Yxy color **41.2568, 0.2297, 0.2777** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **31.2404, 0.4615, 0.3712**, and the grayscale version is **34.9789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6284, 0.2541, 0.3107**, and **18.7312, 0.2076, 0.2618** is the 20% darker color. If you saturate the color by 10%, you get **37.7880, 0.2191, 0.2671**, and if you desaturate by 10%, it is **45.1671, 0.2419, 0.2880**.

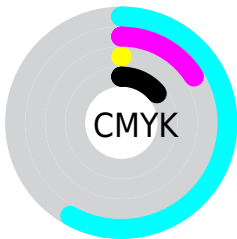
Distribution



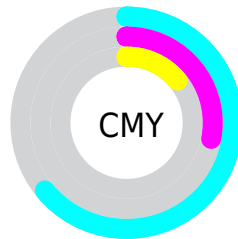
- Red (36%)
- Green (72%)
- Blue (86%)



- Red (36%)
- Yellow (57%)
- Blue (86%)



- Cyan (58%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (64%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2568, 0.2297, 0.2777 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 41.2568, 0.2297, 0.2777 by changing the saturation by 10% instead.

■ 41.2568, 0.2297,
0.2777

■ 41.2568, 0.2297,
0.2777

■ 351.3928, 0.2705,
0.3044

■ 28.5198, 0.2199,
0.2708

■ 77.0736, 0.2443,
0.2876

■ 18.7179, 0.2075,
0.2619

■ 100.9221, 0.2498,
0.2912

■ 11.4666, 0.1915,
0.2500

■ 129.2433, 0.2546,
0.2943

■ 6.3816, 0.1703,
0.2333

■ 162.4216, 0.2586,
0.2969

■ 3.0785, 0.1410,
0.2087

■ 200.8412, 0.2622,
0.2992

■ 1.1728, 0.0986,
0.1705

■ 244.8867, 0.2653,

■ 0.0394, 0.0000,

0.3011

0.0175

294.9424, 0.2681,
0.3029

0.0000, 0.0000,
0.0000

41.2568, 0.2297,
0.2777

41.2568, 0.2297,
0.2777

37.7880, 0.2191,
0.2671

45.1671, 0.2419,
0.2880

34.7258, 0.2104,
0.2564

49.5413, 0.2554,
0.2978

32.0362, 0.2037,
0.2457


54.4053, 0.2699,
0.3070

29.6689, 0.1989,
0.2351


59.7815, 0.2850,
0.3155

29.2272, 0.1981,
0.2330

65.6908, 0.3004,
0.3233

 72.1525, 0.3157,
0.3303

 79.1852, 0.3309,
0.3367

 84.4383, 0.3370,
0.3426

 88.0034, 0.3362,
0.3487

Harmonies

Analogous

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



41.2568, 0.2363, 0.3136



41.2568, 0.2297, 0.2777



41.2568, 0.2430, 0.2586

Triad

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



41.2568, 0.2297, 0.2777



41.2568, 0.3633, 0.3002



41.2568, 0.3474, 0.4113

Complementary

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



41.2568, 0.2297, 0.2777



31.2404, 0.4615, 0.3712

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.



41.2568, 0.3847, 0.4001



41.2568, 0.2297, 0.2777



41.2568, 0.3954, 0.3353

Square

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



41.2568, 0.2297, 0.2777



41.2568, 0.3180, 0.2726



41.2568, 0.4030, 0.3713



41.2568, 0.3025, 0.3965

Rectangle

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



41.2568, 0.2297, 0.2777



41.2568, 0.2621, 0.2560



41.2568, 0.4030, 0.3713



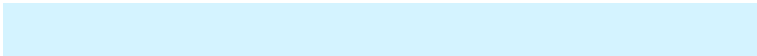
41.2568, 0.3613, 0.4102

Sweetspot

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



41.2583, 0.2297, 0.2777



85.1025, 0.2863, 0.3162



54.4357, 0.2879, 0.4679



17.8706, 0.2833, 0.3145



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.



41.2583, 0.2297, 0.2777



52.1822, 0.2167, 0.2644



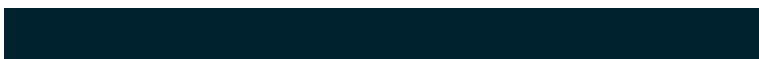
21.1955, 0.2093, 0.1841



14.1740, 0.2982, 0.3222



17.5245, 0.1985, 0.2346



1.2789, 0.2033, 0.2518

Inverse Universe

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



26.1171, 0.3605, 0.2264



30.8798, 0.3750, 0.2112



52.3755, 0.4139, 0.4387



13.2087, 0.3181, 0.3124



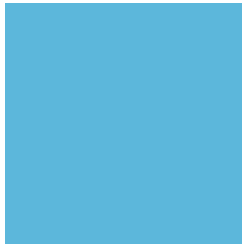
10.3929, 0.4078, 0.2020



0.6878, 0.3904, 0.1924

Previews

White Background



This preview shows how the Yxy color 41.2568, 0.2297, 0.2777 looks on a white background.

Color Contrast Check

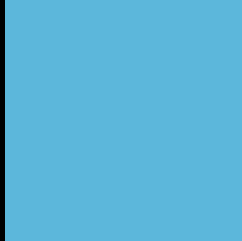
Large Text (above 18pt) WCAG AA × Fail

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 41.2568, 0.2297, 0.2777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

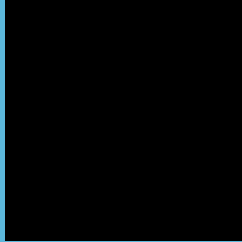
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2568, 0.2297, 0.2777

Background



This preview shows how black text looks on a background with the Yxy color 41.2568, 0.2297, 0.2777.



This preview shows how white text looks on a background with the Yxy color 41.2568, 0.2297, 0.2777.

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

41.2568, 0.2297, 0.2777

Protanopia

40.6608, 0.2756, 0.2761

Deuteranopia

40.7528, 0.2651, 0.2592



Tritanopia

41.2197, 0.2361, 0.3064

Trichromacy



Original Color

41.2568, 0.2297, 0.2777

Protanomaly

40.3946, 0.2555, 0.2755

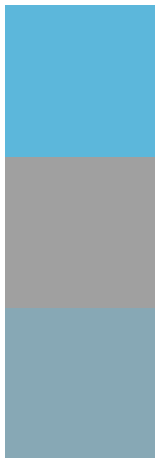
Deuteranomaly

40.2585, 0.2492, 0.2641

Tritanomaly

41.2782, 0.2335, 0.2951

Monochromacy



Original Color

41.2568, 0.2297, 0.2777

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.4924, 0.2743, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2568, 0.2297, 0.2777 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(92, 183, 219)` looks like.

```
.text, #text, p{  
    color:rgb(92, 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(92, 183, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 183, 219) }
```

Border

The CSS property to change the border of an element to Yxy 41.2568, 0.2297, 0.2777 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(92, 183, 219) }
```

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

```
.border{ border-color:rgb(92, 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(92, 183, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 183, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 183, 219);  
box-shadow:4px 4px 4px 4px rgb(92, 183,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2568, 0.2297, 0.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 183, 219) }
```

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

```
.background{ background-color: rgb(92, 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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