

Converting Colors

$Yxy(50.7153, 0.2527, 0.2865)$

Have a look what the booklet for
Yxy(50.7153, 0.2527, 0.2865)
contains.

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Color

Yxy(50.7124, 0.2526, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	8CC4E5
RGB	140, 196, 229
RGB Percent	55%, 77%, 90%
CMY	0.4509, 0.2314, 0.1021
CMYK	0.39, 0.14, 0.00, 0.10
HSL	202°, 63%, 72%
HSV	202°, 39%, 90%
XYZ	44.6963, 50.7124, 81.5362
YIQ	183.0180, -43.9690, -1.6090

Conversions

Conversions Part 2

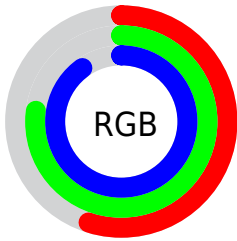
Format	Color
R_{YB}	140, 174, 229
Decimal	9225445
CIE _{Lab}	76.50, -9.91, -22.13
CIE _{LCh}	77, 24.245, 245.881
Yxy	50.7124, 0.2526, 0.2866
Android (android.graphics.Color)	4287415525 (0xFF8CC4E5)
YUV	183.0180, 22.6691, -37.7268
Hunter-Lab	71.2126, -12.5874, -18.0363

Details

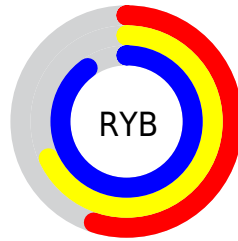
The Yxy color **50.7124, 0.2526, 0.2866** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.4274, 0.3943, 0.3673**, and the grayscale version is **47.2582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2063, 0.2782, 0.3268**, and **24.2944, 0.2372, 0.2749** is the 20% darker color. If you saturate the color by 10%, you get **45.2071, 0.2381, 0.2734**, and if you desaturate by 10%, it is **56.8520, 0.2678, 0.2989**.

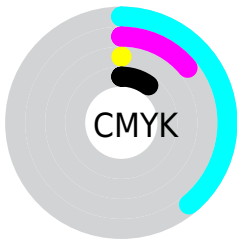
Distribution



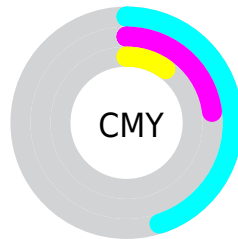
- Red (55%)
- Green (77%)
- Blue (90%)



- Red (55%)
- Yellow (68%)
- Blue (90%)



- Cyan (39%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (45%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7124, 0.2526, 0.2866 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 50.7124, 0.2526, 0.2866 by changing the saturation by 10% instead.

■ 50.7124, 0.2526,
0.2866

■ 50.7124, 0.2526,
0.2866

■ 389.4454, 0.2815,
0.3077

■ 35.9798, 0.2457,
0.2814

■ 91.2295, 0.2628,
0.2942

■ 24.4186, 0.2372,
0.2749

■ 117.7828, 0.2668,
0.2971

■ 15.6444, 0.2261,
0.2662

■ 149.0451, 0.2701,
0.2995

■ 9.2729, 0.2115,
0.2545

■ 185.4007, 0.2730,
0.3016

■ 4.9196, 0.1912,
0.2377

■ 227.2342, 0.2756,
0.3034

■ 2.2002, 0.1617,
0.2120

■ 274.9299, 0.2778,

■ 0.7201, 0.1044,

0.3050

0.1698

328.8721, 0.2798,
0.3064

0.0000, 0.0000,
0.0000

50.7124, 0.2526,
0.2866

50.7124, 0.2526,
0.2866

45.2071, 0.2381,
0.2734

56.8520, 0.2678,
0.2989

40.3007, 0.2248,
0.2596

63.6470, 0.2834,
0.3103

35.9629, 0.2131,
0.2453

71.1247, 0.2991,
0.3207

32.1572, 0.2032,
0.2309

79.3088, 0.3145,
0.3300

28.8409, 0.1955,
0.2166

88.2216, 0.3295,
0.3384

■ 25.9514, 0.1898,
0.2026

■ 93.3855, 0.3289,
0.3466

■ 25.6363, 0.1892,
0.2010

■ 98.4353, 0.3280,
0.3542

Harmonies

Analogous

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



50.7124, 0.2534, 0.3102



50.7124, 0.2526, 0.2866



50.7124, 0.2668, 0.2755

Triad

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



50.7124, 0.2526, 0.2866



50.7124, 0.3573, 0.3152



50.7124, 0.3296, 0.3866

Complementary

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



50.7124, 0.2526, 0.2866



48.4274, 0.3943, 0.3673

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.



50.7124, 0.3590, 0.3848



50.7124, 0.2526, 0.2866



50.7124, 0.3759, 0.3424

Square

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



50.7124, 0.2526, 0.2866



50.7124, 0.3266, 0.2922



50.7124, 0.3763, 0.3678



50.7124, 0.2967, 0.3705

Rectangle

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



50.7124, 0.2526, 0.2866



50.7124, 0.2834, 0.2757



50.7124, 0.3763, 0.3678



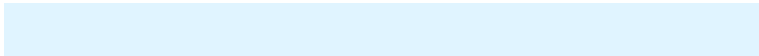
50.7124, 0.3402, 0.3880

Sweetspot

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



50.7144, 0.2526, 0.2866



87.6282, 0.2940, 0.3175



64.6005, 0.2890, 0.4030



18.4848, 0.2920, 0.3161



0.0000, 0.0000, 0.0000



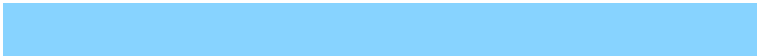
21.4041, 0.3127, 0.3290

Same Dimension

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



50.7144, 0.2526, 0.2866



58.7658, 0.2403, 0.2755



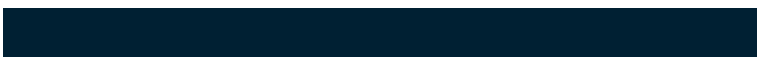
33.6503, 0.2435, 0.2266



15.3914, 0.2981, 0.3201



14.9001, 0.1898, 0.2032



1.2774, 0.1954, 0.2236

Inverse Universe

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



39.4006, 0.3486, 0.2659



43.3122, 0.3596, 0.2527



68.2276, 0.3754, 0.4139



14.5199, 0.3194, 0.3143



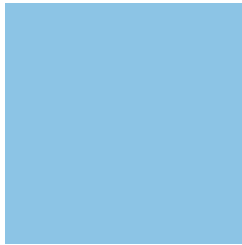
10.7019, 0.4417, 0.2207



0.8086, 0.4194, 0.2084

Previews

White Background



This preview shows how the Yxy color 50.7124, 0.2526, 0.2866 looks on a white background.

Color Contrast Check

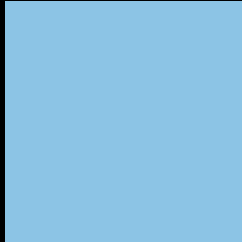
Large Text (above 18pt) WCAG AA × Fail

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 50.7124, 0.2526, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

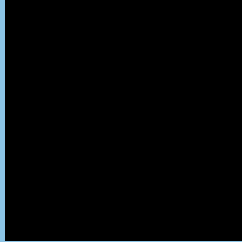
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7124, 0.2526, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 50.7124, 0.2526, 0.2866.



This preview shows how white text looks on a background with the Yxy color 50.7124, 0.2526, 0.2866.

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

50.7124, 0.2526, 0.2866

Protanopia

50.2155, 0.2826, 0.2850

Deuteranopia

50.2408, 0.2787, 0.2728



Tritanopia

50.4774, 0.2589, 0.3076

Trichromacy



Original Color

50.7124, 0.2526, 0.2866

Protanomaly

50.3701, 0.2704, 0.2853

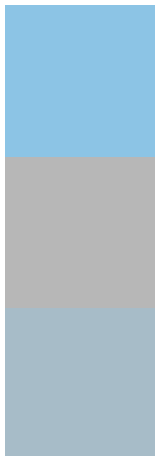
Deuteranomaly

50.0044, 0.2684, 0.2772

Tritanomaly

50.3653, 0.2565, 0.3000

Monochromacy



Original Color

50.7124, 0.2526, 0.2866

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.3521, 0.2873, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7124, 0.2526, 0.2866 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(140, 196, 229)` looks like.

```
.text, #text, p{  
    color:rgb(140, 196, 229)  
}
```

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(140, 196, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 196, 229) }
```

Border

The CSS property to change the border of an element to Yxy 50.7124, 0.2526, 0.2866 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(140, 196, 229) }
```

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

```
.border{ border-color:rgb(140, 196, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 196, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 196, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 196, 229);  
box-shadow:4px 4px 4px 4px rgb(140, 196,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7124, 0.2526, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 196, 229) }
```

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

```
.background{ background-color: rgb(140,  
196, 229) }
```

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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