

Converting Colors

$Yxy(50.3725, 0.2531, 0.2840)$

Have a look what the booklet for
Yxy(50.3725, 0.2531, 0.2840)
contains.

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Color

Yxy(50.4942, 0.2530, 0.2842)

Conversions

Conversions Part 1

Format	Color
Hex	8EC3E6
RGB	142, 195, 230
RGB Percent	56%, 76%, 90%
CMY	0.4431, 0.2353, 0.0981
CMYK	0.38, 0.15, 0.00, 0.10
HSL	204°, 64%, 73%
HSV	204°, 38%, 90%
XYZ	44.9509, 50.4942, 82.2263
YIQ	183.1430, -42.8230, -0.3510

Conversions

Conversions Part 2

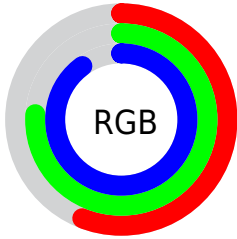
Format	Color
RYB	142, 175, 230
Decimal	9356262
CIELab	76.37, -8.60, -22.87
CIELCh	76, 24.431, 249.396
Yxy	50.4942, 0.2530, 0.2842
Android (android.graphics.Color)	4287546342 (0xFF8EC3E6)
YUV	183.1430, 23.1005, -36.0824
Hunter-Lab	71.0593, -11.4377, -18.8660

Details

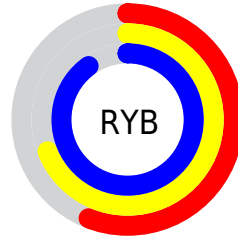
The Yxy color **50.4942, 0.2530, 0.2842** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **50.2081, 0.3916, 0.3694**, and the grayscale version is **47.3255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8466, 0.2792, 0.3258**, and **24.1320, 0.2375, 0.2717** is the 20% darker color. If you saturate the color by 10%, you get **44.6948, 0.2382, 0.2700**, and if you desaturate by 10%, it is **56.9681, 0.2685, 0.2974**.

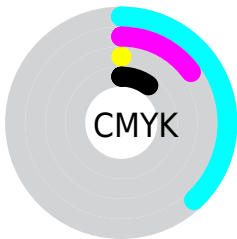
Distribution



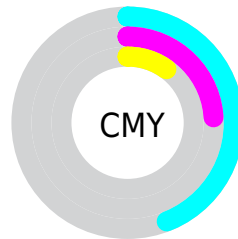
- Red (56%)
- Green (76%)
- Blue (90%)



- Red (56%)
- Yellow (69%)
- Blue (90%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (10%)



- Cyan (44%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4942, 0.2530, 0.2842 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 50.4942, 0.2530, 0.2842 by changing the saturation by 10% instead.

■ 50.4942, 0.2530,
0.2842

■ 50.4942, 0.2530,
0.2842

388.5954, 0.2818,
0.3064

■ 35.8062, 0.2462,
0.2788

■ 90.9067, 0.2632,
0.2922

■ 24.2846, 0.2376,
0.2719

■ 117.4000, 0.2671,
0.2952

■ 15.5449, 0.2267,
0.2629

148.5972, 0.2704,
0.2978

■ 9.2027, 0.2121,
0.2507

184.8827, 0.2733,
0.3000

■ 4.8736, 0.1918,
0.2332

226.6408, 0.2758,
0.3019

■ 2.1733, 0.1624,
0.2068

274.2561, 0.2780,

■ 0.7054, 0.1065,

0.3036

0.1632

328.1128, 0.2800,
0.3051

0.0000, 0.0000,
0.0000

50.4942, 0.2530,
0.2842

50.4942, 0.2530,
0.2842

44.6948, 0.2382,
0.2700

56.9681, 0.2685,
0.2974

39.5335, 0.2244,
0.2551

64.1386, 0.2843,
0.3096

34.9788, 0.2122,
0.2397

72.0340, 0.3000,
0.3207

30.9932, 0.2018,
0.2242

80.6789, 0.3154,
0.3307

27.5332, 0.1936,
0.2088

89.7169, 0.3289,
0.3396

■ 24.5383, 0.1874,
0.1938

■ 95.2578, 0.3279,
0.3484

■ 24.0492, 0.1865,
0.1912

■ 98.4922, 0.3274,
0.3532

Harmonies

Analogous

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



50.4942, 0.2520, 0.3067



50.4942, 0.2530, 0.2842



50.4942, 0.2690, 0.2746

Triad

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



50.4942, 0.2530, 0.2842



50.4942, 0.3607, 0.3182



50.4942, 0.3258, 0.3862

Complementary

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



50.4942, 0.2530, 0.2842



50.2081, 0.3916, 0.3694

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.



50.4942, 0.3564, 0.3864



50.4942, 0.2530, 0.2842



50.4942, 0.3775, 0.3457

Square

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



50.4942, 0.2530, 0.2842



50.4942, 0.3307, 0.2942



50.4942, 0.3757, 0.3707



50.4942, 0.2929, 0.3679

Rectangle

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



50.4942, 0.2530, 0.2842



50.4942, 0.2866, 0.2758



50.4942, 0.3757, 0.3707



50.4942, 0.3367, 0.3883

Sweetspot

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



50.4962, 0.2530, 0.2842



88.1534, 0.2956, 0.3177



65.4585, 0.2885, 0.3996



18.5731, 0.2935, 0.3162



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.



50.4962, 0.2530, 0.2842



57.8896, 0.2410, 0.2729



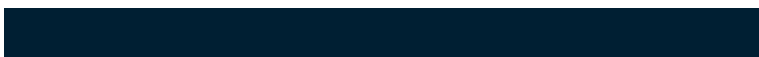
34.0057, 0.2444, 0.2264



15.3244, 0.2981, 0.3194



13.8628, 0.1871, 0.1936



1.2047, 0.1932, 0.2154

Inverse Universe

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



40.1067, 0.3503, 0.2694



43.9232, 0.3614, 0.2572



69.8116, 0.3739, 0.4141



14.5131, 0.3199, 0.3149



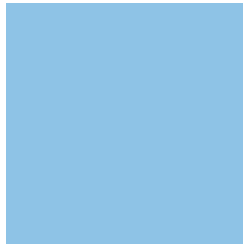
10.5972, 0.4526, 0.2267



0.8013, 0.4282, 0.2132

Previews

White Background



This preview shows how the Yxy color 50.4942, 0.2530, 0.2842 looks on a white background.

Color Contrast Check

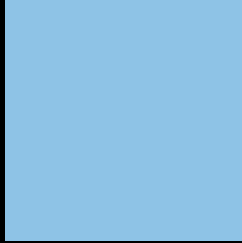
Large Text (above 18pt) WCAG AA × Fail

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 50.4942, 0.2530, 0.2842 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 50.4942, 0.2530, 0.2842

Background



This preview shows how black text looks on a background with the Yxy color 50.4942, 0.2530, 0.2842.



This preview shows how white text looks on a background with the Yxy color 50.4942, 0.2530, 0.2842.

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

50.4942, 0.2530, 0.2842

Protanopia

50.2029, 0.2806, 0.2826

Deuteranopia

50.1745, 0.2773, 0.2716



Tritanopia

50.6465, 0.2601, 0.3077

Trichromacy



Original Color

50.4942, 0.2530, 0.2842

Protanomaly

49.9932, 0.2696, 0.2829

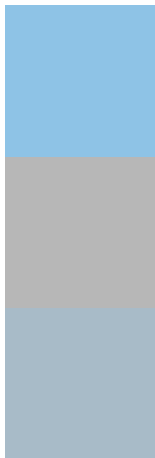
Deuteranomaly

50.0608, 0.2678, 0.2761

Tritanomaly

50.5888, 0.2571, 0.2988

Monochromacy



Original Color

50.4942, 0.2530, 0.2842

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.0356, 0.2880, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4942, 0.2530, 0.2842 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(142, 195, 230)` looks like.

```
.text, #text, p{  
    color:rgb(142, 195, 230)  
}
```

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(142, 195, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 195, 230) }
```

Border

The CSS property to change the border of an element to Yxy 50.4942, 0.2530, 0.2842 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(142, 195, 230) }
```

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

```
.border{ border-color:rgb(142, 195, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 195, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 195, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 195, 230);  
box-shadow:4px 4px 4px 4px rgb(142, 195,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4942, 0.2530, 0.2842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 195, 230) }
```

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

```
.background{ background-color: rgb(142,  
195, 230) }
```

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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