

Converting Colors

$Yxy(41.7606, 0.2550, 0.2859)$

Have a look what the booklet for
Yxy(41.7606, 0.2550, 0.2859)
contains.

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Color

Yxy(41.7989, 0.2550, 0.2860)

Conversions

Conversions Part 1

Format	Color
Hex	84B3D2
RGB	132, 179, 210
RGB Percent	52%, 70%, 82%
CMY	0.4824, 0.2980, 0.1764
CMYK	0.37, 0.15, 0.00, 0.18
HSL	204°, 46%, 67%
HSV	204°, 37%, 82%
XYZ	37.2683, 41.7989, 67.0829
YIQ	168.4810, -37.9630, -0.3230

Conversions

Conversions Part 2

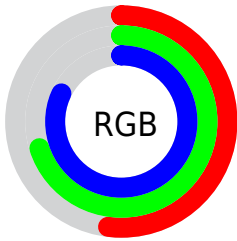
Format	Color
R _Y B	132, 161, 210
Decimal	8696786
CIE Lab	70.73, -7.88, -20.64
CIE LCh	71, 22.098, 249.102
Yxy	41.7989, 0.2550, 0.2860
Android (android.graphics.Color)	4286886866 (0xFF84B3D2)
YUV	168.4810, 20.4689, -31.9938
Hunter-Lab	64.6521, -10.2460, -16.2627

Details

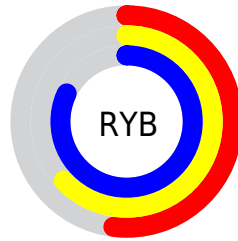
The Yxy color **41.7989, 0.2550, 0.2860** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **41.5625, 0.3882, 0.3680**, and the grayscale version is **39.3181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2015, 0.2715, 0.3071**, and **18.9505, 0.2394, 0.2733** is the 20% darker color. If you saturate the color by 10%, you get **37.0295, 0.2401, 0.2720**, and if you desaturate by 10%, it is **47.1149, 0.2705, 0.2990**.

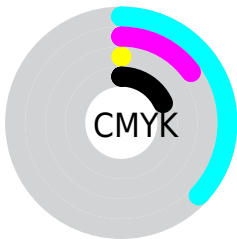
Distribution



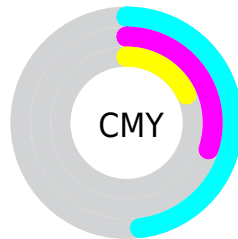
- Red (52%)
- Green (70%)
- Blue (82%)



- Red (52%)
- Yellow (63%)
- Blue (82%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)



- Cyan (48%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7989, 0.2550, 0.2860 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 41.7989, 0.2550, 0.2860 by changing the saturation by 10% instead.

■ 41.7989, 0.2550,
0.2860

■ 41.7989, 0.2550,
0.2860

■ 353.6486, 0.2838,
0.3080

■ 28.9439, 0.2479,
0.2804

■ 77.8952, 0.2654,
0.2941

■ 19.0384, 0.2389,
0.2732

■ 101.9052, 0.2693,
0.2971

■ 11.6980, 0.2270,
0.2635

■ 130.4023, 0.2726,
0.2996

■ 6.5384, 0.2107,
0.2499

■ 163.7710, 0.2755,
0.3018

■ 3.1751, 0.1873,
0.2297

■ 202.3956, 0.2780,
0.3037

■ 1.2238, 0.1515,
0.1971

■ 246.6604, 0.2801,

■ 0.0810, 0.0000,

0.3053

0.0468

296.9500, 0.2821,
0.3067

0.0000, 0.0000,
0.0000

41.7989, 0.2550,
0.2860

41.7989, 0.2550,
0.2860

37.0295, 0.2401,
0.2720

47.1149, 0.2705,
0.2990

32.7776, 0.2263,
0.2573

52.9949, 0.2862,
0.3110

29.0184, 0.2139,
0.2421

59.4613, 0.3018,
0.3219

25.7225, 0.2032,
0.2266

66.5338, 0.3170,
0.3317

22.8557, 0.1947,
0.2112

74.2310, 0.3317,
0.3404

■ 20.3737, 0.1883,
0.1963

■ 81.9975, 0.3437,
0.3483

■ 19.7162, 0.1867,
0.1921

■ 86.7301, 0.3422,
0.3564

■ 91.6879, 0.3409,
0.3644

■ 96.8737, 0.3395,
0.3722

Harmonies

Analogous

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



41.7989, 0.2542, 0.3079



41.7989, 0.2550, 0.2860



41.7989, 0.2703, 0.2766

Triad

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



41.7989, 0.2550, 0.2860



41.7989, 0.3587, 0.3184



41.7989, 0.3257, 0.3841

Complementary

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



41.7989, 0.2550, 0.2860



41.5625, 0.3882, 0.3680

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.



41.7989, 0.3551, 0.3843



41.7989, 0.2550, 0.2860



41.7989, 0.3750, 0.3449

Square

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



41.7989, 0.2550, 0.2860



41.7989, 0.3297, 0.2952



41.7989, 0.3735, 0.3691



41.7989, 0.2939, 0.3667

Rectangle

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



41.7989, 0.2550, 0.2860



41.7989, 0.2873, 0.2776



41.7989, 0.3735, 0.3691



41.7989, 0.3362, 0.3861

Sweetspot

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



41.8005, 0.2550, 0.2860



88.1554, 0.2956, 0.3177



53.6084, 0.2892, 0.3968



18.5736, 0.2935, 0.3162



0.0000, 0.0000, 0.0000



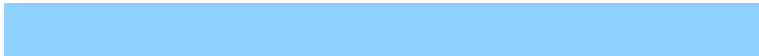
21.4041, 0.3127, 0.3290

Same Dimension

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



41.8005, 0.2550, 0.2860



58.6129, 0.2425, 0.2744



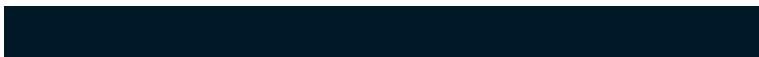
28.6359, 0.2471, 0.2305



12.5857, 0.2983, 0.3195



12.2264, 0.1873, 0.1942



0.8364, 0.1949, 0.2216

Inverse Universe

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



33.4583, 0.3486, 0.2714



44.7124, 0.3599, 0.2587



57.0996, 0.3717, 0.4113



11.9262, 0.3198, 0.3151



9.3055, 0.4519, 0.2263



0.5357, 0.4215, 0.2096

Previews

White Background



This preview shows how the Yxy color 41.7989, 0.2550, 0.2860 looks on a white background.

Color Contrast Check

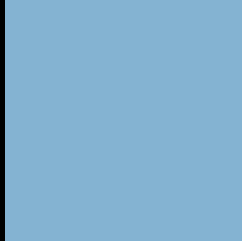
Large Text (above 18pt) WCAG AA × Fail

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 41.7989, 0.2550, 0.2860 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

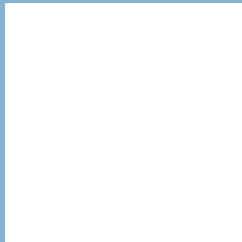
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7989, 0.2550, 0.2860

Background



This preview shows how black text looks on a background with the Yxy color 41.7989, 0.2550, 0.2860.

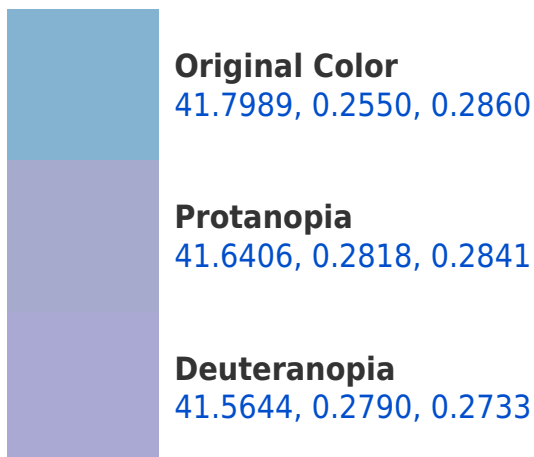


This preview shows how white text looks on a background with the Yxy color 41.7989, 0.2550, 0.2860.

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





Tritanopia

41.6225, 0.2614, 0.3074

Trichromacy



Original Color

41.7989, 0.2550, 0.2860

Protanomaly

41.6471, 0.2714, 0.2846

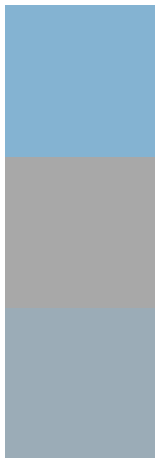
Deuteranomaly

41.6582, 0.2701, 0.2784

Tritanomaly

41.5267, 0.2587, 0.2991

Monochromacy



Original Color

41.7989, 0.2550, 0.2860

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.8925, 0.2893, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7989, 0.2550, 0.2860 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(132, 179, 210)` looks like.

```
.text, #text, p{  
    color:rgb(132, 179, 210)  
}
```

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(132, 179, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 179, 210) }
```

Border

The CSS property to change the border of an element to Yxy 41.7989, 0.2550, 0.2860 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(132, 179, 210) }
```

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

```
.border{ border-color:rgb(132, 179, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 179, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 179, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 179, 210);  
box-shadow:4px 4px 4px 4px rgb(132, 179,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7989, 0.2550, 0.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 179, 210) }
```

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

```
.background{ background-color: rgb(132,  
179, 210) }
```

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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