

Converting Colors

$Y_{xy}(41.3525, 0.2604, 0.2875)$

Have a look what the booklet for
Yxy(41.3525, 0.2604, 0.2875)
contains.

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Color

Yxy(41.3525, 0.2604, 0.2875)

Conversions

Conversions Part 1

Format	Color
Hex	8AB1CF
RGB	138, 177, 207
RGB Percent	54%, 69%, 81%
CMY	0.4591, 0.3058, 0.1883
CMYK	0.33, 0.14, 0.00, 0.19
HSL	206°, 42%, 68%
HSV	206°, 33%, 81%
XYZ	37.4546, 41.3525, 65.0277
YIQ	168.7590, -32.8740, 1.0620

Conversions

Conversions Part 2

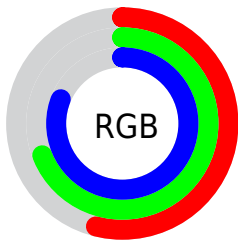
Format	Color
R_{YB}	138, 163, 207
Decimal	9089487
CIE _{Lab}	70.42, -5.94, -19.42
CIE _{LCh}	70, 20.310, 253.001
Yxy	41.3525, 0.2604, 0.2875
Android (android.graphics.Color)	4287279567 (0xFF8AB1CF)
YUV	168.7590, 18.8528, -26.9756
Hunter-Lab	64.3059, -8.5691, -14.9414

Details

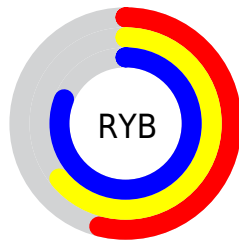
The Yxy color **41.3525, 0.2604, 0.2875** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **43.0593, 0.3774, 0.3669**, and the grayscale version is **39.4620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8353, 0.2747, 0.3051**, and **18.8984, 0.2452, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **36.3226, 0.2449, 0.2725**, and if you desaturate by 10%, it is **46.9555, 0.2762, 0.3014**.

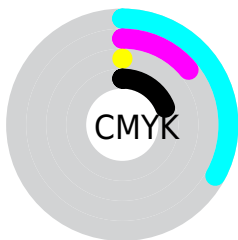
Distribution



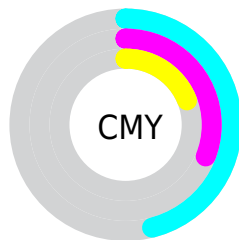
- Red (54%)
- Green (69%)
- Blue (81%)



- Red (54%)
- Yellow (64%)
- Blue (81%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (19%)



- Cyan (46%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3525, 0.2604, 0.2875 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 41.3525, 0.2604, 0.2875 by changing the saturation by 10% instead.

■ 41.3525, 0.2604,
0.2875

■ 41.3525, 0.2604,
0.2875

■ 351.7917, 0.2866,
0.3087

■ 28.5946, 0.2539,
0.2821

■ 77.2187, 0.2699,
0.2953

■ 18.7744, 0.2456,
0.2751

■ 101.0958, 0.2735,
0.2982

■ 11.5074, 0.2346,
0.2658

■ 129.4482, 0.2765,
0.3006

■ 6.4092, 0.2194,
0.2527

■ 162.6601, 0.2791,
0.3027

■ 3.0955, 0.1973,
0.2331

■ 201.1160, 0.2813,
0.3045

■ 1.1818, 0.1629,
0.2012

■ 245.2003, 0.2833,

■ 0.0467, 0.0000,

0.3061

0.0306

295.2975, 0.2850,
0.3075

0.0000, 0.0000,
0.0000

41.3525, 0.2604,
0.2875

41.3525, 0.2604,
0.2875

36.3226, 0.2449,
0.2725

46.9555, 0.2762,
0.3014

31.8373, 0.2301,
0.2567

53.1486, 0.2921,
0.3140

27.8726, 0.2166,
0.2401

59.9542, 0.3076,
0.3254

24.3999, 0.2047,
0.2232

67.3918, 0.3226,
0.3357

21.3872, 0.1949,
0.2063

75.4799, 0.3370,
0.3447

■ 18.7965, 0.1872,
0.1899

■ 82.8616, 0.3454,
0.3531

■ 17.2692, 0.1831,
0.1793

■ 88.0154, 0.3438,
0.3618

■ 93.4308, 0.3422,
0.3704

■ 97.2842, 0.3412,
0.3761

Harmonies

Analogous

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



41.3525, 0.2578, 0.3065



41.3525, 0.2604, 0.2875



41.3525, 0.2763, 0.2802

Triad

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



41.3525, 0.2604, 0.2875



41.3525, 0.3579, 0.3224



41.3525, 0.3210, 0.3784

Complementary

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



41.3525, 0.2604, 0.2875



43.0593, 0.3774, 0.3669

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.



41.3525, 0.3488, 0.3808



41.3525, 0.2604, 0.2875



41.3525, 0.3709, 0.3471

Square

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



41.3525, 0.2604, 0.2875



41.3525, 0.3323, 0.3002



41.3525, 0.3674, 0.3686



41.3525, 0.2919, 0.3606

Rectangle

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



41.3525, 0.2604, 0.2875



41.3525, 0.2928, 0.2821



41.3525, 0.3674, 0.3686



41.3525, 0.3308, 0.3810

Sweetspot

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



41.3541, 0.2604, 0.2875



88.6236, 0.2972, 0.3178



52.8360, 0.2892, 0.3836



18.6445, 0.2949, 0.3162



0.0000, 0.0000, 0.0000



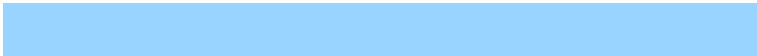
21.4041, 0.3127, 0.3290

Same Dimension

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



41.3541, 0.2604, 0.2875



60.4550, 0.2493, 0.2770



29.4051, 0.2540, 0.2373



12.5124, 0.2983, 0.3187



11.0736, 0.1837, 0.1815



0.7754, 0.1920, 0.2111

Inverse Universe

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



34.5938, 0.3465, 0.2804



48.7329, 0.3564, 0.2699



57.5151, 0.3643, 0.4066



11.9188, 0.3203, 0.3159



9.1892, 0.4668, 0.2345



0.5296, 0.4329, 0.2158

Previews

White Background



This preview shows how the Yxy color 41.3525, 0.2604, 0.2875 looks on a white background.

Color Contrast Check

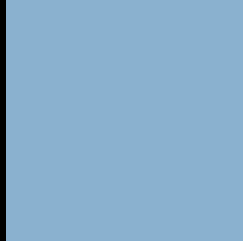
Large Text (above 18pt) WCAG AA × Fail

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 41.3525, 0.2604, 0.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

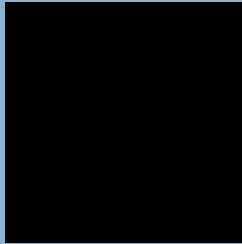
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

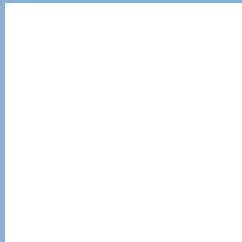
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3525, 0.2604, 0.2875

Background



This preview shows how black text looks on a background with the Yxy color 41.3525, 0.2604, 0.2875.



This preview shows how white text looks on a background with the Yxy color 41.3525, 0.2604, 0.2875.

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

41.3525, 0.2604, 0.2875

Protanopia

41.0131, 0.2831, 0.2864

Deuteranopia

41.1548, 0.2819, 0.2757



Tritanopia

41.2861, 0.2670, 0.3075

Trichromacy



Original Color

41.3525, 0.2604, 0.2875

Protanomaly

41.2153, 0.2741, 0.2870

Deuteranomaly

40.9490, 0.2734, 0.2796

Tritanomaly

41.1986, 0.2643, 0.2993

Monochromacy



Original Color

41.3525, 0.2604, 0.2875

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.1930, 0.2918, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3525, 0.2604, 0.2875 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(138, 177, 207)` looks like.

```
.text, #text, p{  
    color:rgb(138, 177, 207)  
}
```

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(138, 177, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 177, 207) }
```

Border

The CSS property to change the border of an element to Yxy 41.3525, 0.2604, 0.2875 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(138, 177, 207) }
```

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

```
.border{ border-color:rgb(138, 177, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 177, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 177, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 177, 207);  
box-shadow:4px 4px 4px 4px rgb(138, 177,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3525, 0.2604, 0.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 177, 207) }
```

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

```
.background{ background-color: rgb(138,  
177, 207) }
```

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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