

Converting Colors

$Yxy(41.5939, 0.2606, 0.2848)$

Have a look what the booklet for
Yxy(41.5939, 0.2606, 0.2848)
contains.

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Color

Yxy(41.6232, 0.2606, 0.2851)

Conversions

Conversions Part 1

Format	Color
Hex	8CB1D1
RGB	140, 177, 209
RGB Percent	55%, 69%, 82%
CMY	0.4508, 0.3059, 0.1805
CMYK	0.33, 0.15, 0.00, 0.18
HSL	208°, 43%, 68%
HSV	208°, 33%, 82%
XYZ	38.0463, 41.6232, 66.3256
YIQ	169.5850, -32.3240, 2.1080

Conversions

Conversions Part 2

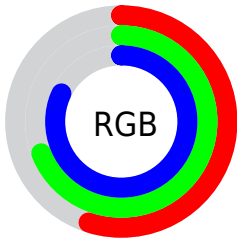
Format	Color
RYB	140, 164, 209
Decimal	9220561
CIELab	70.61, -4.83, -20.21
CIELCh	71, 20.780, 256.564
Yxy	41.6232, 0.2606, 0.2851
Android (android.graphics.Color)	4287410641 (0xFF8CB1D1)
YUV	169.5850, 19.4316, -25.9460
Hunter-Lab	64.5160, -7.6383, -15.7917

Details

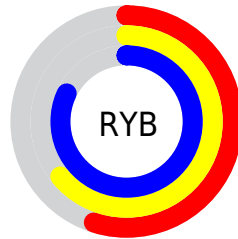
The Yxy color **41.6232, 0.2606, 0.2851** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **44.9487, 0.3758, 0.3690**, and the grayscale version is **39.8982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0999, 0.2759, 0.3052**, and **19.0600, 0.2454, 0.2722** is the 20% darker color. If you saturate the color by 10%, you get **36.2850, 0.2448, 0.2691**, and if you desaturate by 10%, it is **47.5812, 0.2767, 0.2999**.

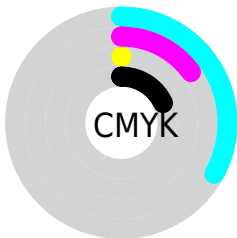
Distribution



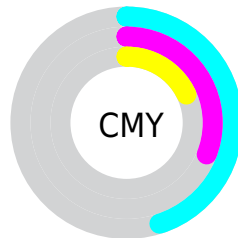
- Red (55%)
- Green (69%)
- Blue (82%)



- Red (55%)
- Yellow (64%)
- Blue (82%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)



- Cyan (45%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6232, 0.2606, 0.2851 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 41.6232, 0.2606, 0.2851 by changing the saturation by 10% instead.

■ 41.6232, 0.2606,
0.2851

■ 41.6232, 0.2606,
0.2851

352.9186, 0.2867,
0.3074

■ 28.8064, 0.2541,
0.2795

■ 77.6290, 0.2701,
0.2933

■ 18.9344, 0.2459,
0.2722

■ 101.5868, 0.2736,
0.2963

■ 11.6229, 0.2349,
0.2625

■ 130.0270, 0.2766,
0.2989

■ 6.4874, 0.2199,
0.2489

163.3341, 0.2792,
0.3011

■ 3.1437, 0.1981,
0.2288

201.8924, 0.2814,
0.3030

■ 1.2072, 0.1641,
0.1965

246.0863, 0.2834,

■ 0.0676, 0.0000,

0.3047

0.0408

296.3002, 0.2851,
0.3061

0.0000, 0.0000,
0.0000

41.6232, 0.2606,
0.2851

41.6232, 0.2606,
0.2851

36.2850, 0.2448,
0.2691

47.5812, 0.2767,
0.2999

31.5366, 0.2296,
0.2520

54.1776, 0.2926,
0.3134

27.3522, 0.2156,
0.2342

61.4360, 0.3082,
0.3256

23.7018, 0.2032,
0.2161

69.3773, 0.3231,
0.3365

20.5515, 0.1928,
0.1981

78.0213, 0.3373,
0.3461

■ 17.8612, 0.1848,
0.1806

■ 85.3582, 0.3433,
0.3553

■ 16.2043, 0.1802,
0.1688

■ 91.0632, 0.3417,
0.3646

■ 97.0751, 0.3401,
0.3736

■ 97.3816, 0.3400,
0.3741

Harmonies

Analogous

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



41.6232, 0.2563, 0.3031



41.6232, 0.2606, 0.2851



41.6232, 0.2782, 0.2792

Triad

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



41.6232, 0.2606, 0.2851



41.6232, 0.3612, 0.3252



41.6232, 0.3175, 0.3781

Complementary

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



41.6232, 0.2606, 0.2851



44.9487, 0.3758, 0.3690

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.



41.6232, 0.3465, 0.3825



41.6232, 0.2606, 0.2851



41.6232, 0.3726, 0.3503

Square

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



41.6232, 0.2606, 0.2851



41.6232, 0.3362, 0.3020



41.6232, 0.3670, 0.3715



41.6232, 0.2882, 0.3583

Rectangle

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



41.6232, 0.2606, 0.2851



41.6232, 0.2957, 0.2821



41.6232, 0.3670, 0.3715



41.6232, 0.3276, 0.3814

Sweetspot

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



41.6248, 0.2606, 0.2851



88.1666, 0.2971, 0.3171



54.1036, 0.2887, 0.3813



18.5339, 0.2949, 0.3153



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.



41.6248, 0.2606, 0.2851



58.9588, 0.2487, 0.2732



29.9703, 0.2546, 0.2368



12.4527, 0.2983, 0.3180



10.1943, 0.1809, 0.1712



0.7280, 0.1896, 0.2026

Inverse Universe

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



35.4909, 0.3482, 0.2834



48.5819, 0.3593, 0.2729



59.3546, 0.3633, 0.4070



11.9127, 0.3208, 0.3166



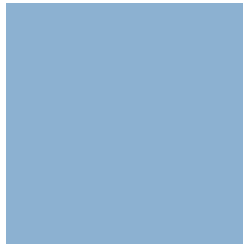
9.1004, 0.4792, 0.2414



0.5248, 0.4424, 0.2211

Previews

White Background



This preview shows how the Yxy color 41.6232, 0.2606, 0.2851 looks on a white background.

Color Contrast Check

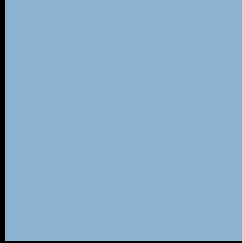
Large Text (above 18pt) WCAG AA × Fail

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 41.6232, 0.2606, 0.2851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

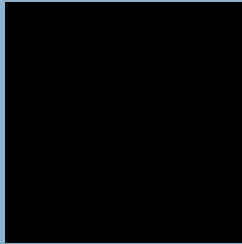
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

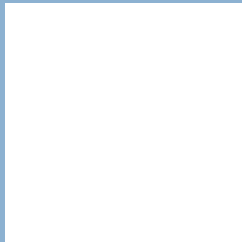
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6232, 0.2606, 0.2851

Background



This preview shows how black text looks on a background with the Yxy color 41.6232, 0.2606, 0.2851.

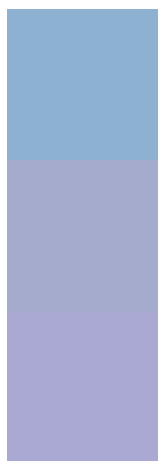


This preview shows how white text looks on a background with the Yxy color 41.6232, 0.2606, 0.2851.

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

41.6232, 0.2606, 0.2851

Protanopia

41.5329, 0.2810, 0.2840

Deuteranopia

41.6251, 0.2806, 0.2746



Tritanopia

41.8559, 0.2686, 0.3091

Trichromacy



Original Color

41.6232, 0.2606, 0.2851

Protanomaly

41.4113, 0.2735, 0.2846

Deuteranomaly

41.5291, 0.2729, 0.2786

Tritanomaly

41.7670, 0.2659, 0.3009

Monochromacy



Original Color

41.6232, 0.2606, 0.2851

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.7188, 0.2919, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6232, 0.2606, 0.2851 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, 177, 209)` looks like.

```
.text, #text, p{  
    color:rgb(140, 177, 209)  
}
```

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, 177, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 177, 209) }
```

Border

The CSS property to change the border of an element to Yxy 41.6232, 0.2606, 0.2851 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, 177, 209) }
```

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

```
.border{ border-color:rgb(140, 177, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 177, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 177, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 177, 209);  
box-shadow:4px 4px 4px 4px rgb(140, 177,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6232, 0.2606, 0.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 177, 209) }
```

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

```
.background{ background-color: rgb(140,  
177, 209) }
```

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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