

Converting Colors

$Y_{xy}(46.0139, 0.2568, 0.2888)$

Have a look what the booklet for
Yxy(46.0139, 0.2568, 0.2888)
contains.

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Color

Yxy(46.0394, 0.2569, 0.2889)

Conversions

Conversions Part 1

Format	Color
Hex	8BBBD9
RGB	139, 187, 217
RGB Percent	55%, 73%, 85%
CMY	0.4550, 0.2666, 0.1490
CMYK	0.36, 0.14, 0.00, 0.15
HSL	203°, 51%, 70%
HSV	203°, 36%, 85%
XYZ	40.9398, 46.0394, 72.3818
YIQ	176.0680, -38.2380, -0.8460

Conversions

Conversions Part 2

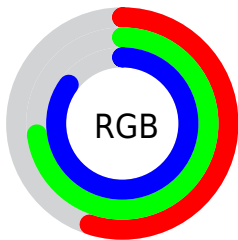
Format	Color
R _{YB}	139, 169, 217
Decimal	9157593
CIE _{Lab}	73.57, -8.48, -20.12
CIE _{LCh}	74, 21.830, 247.153
Y _{xy}	46.0394, 0.2569, 0.2889
Android (android.graphics.Color)	4287347673 (0xFF8BBBD9)
YUV	176.0680, 20.1795, -32.5086
Hunter-Lab	67.8523, -11.0406, -15.7512

Details

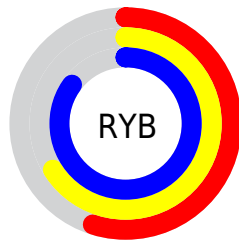
The Yxy color **46.0394, 0.2569, 0.2889** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **44.9853, 0.3857, 0.3656**, and the grayscale version is **43.3598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9233, 0.2768, 0.3161**, and **21.5901, 0.2417, 0.2777** is the 20% darker color. If you saturate the color by 10%, you get **40.9170, 0.2421, 0.2755**, and if you desaturate by 10%, it is **51.7419, 0.2723, 0.3014**.

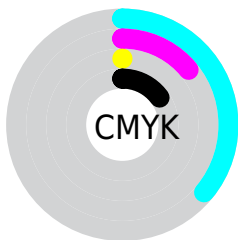
Distribution



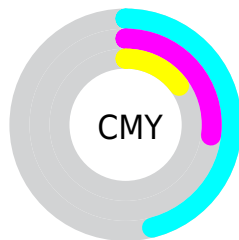
- Red (55%)
- Green (73%)
- Blue (85%)



- Red (55%)
- Yellow (66%)
- Blue (85%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (46%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0394, 0.2569, 0.2889 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 46.0394, 0.2569, 0.2889 by changing the saturation by 10% instead.

■ 46.0394, 0.2569,
0.2889

■ 46.0394, 0.2569,
0.2889

■ 370.9670, 0.2843,
0.3091

■ 32.2769, 0.2503,
0.2838

■ 84.2780, 0.2667,
0.2963

■ 21.5731, 0.2419,
0.2773

■ 109.5228, 0.2704,
0.2990

■ 13.5436, 0.2309,
0.2687

■ 139.3639, 0.2736,
0.3014

■ 7.8039, 0.2161,
0.2568

■ 174.1857, 0.2763,
0.3034

■ 3.9697, 0.1952,
0.2393

■ 214.3725, 0.2787,
0.3051

■ 1.6566, 0.1636,
0.2116

■ 260.3087, 0.2808,

■ 0.3953, 0.0628,

0.3066

0.1469

312.3788, 0.2826,
0.3080

0.0000, 0.0000,
0.0000

46.0394, 0.2569,
0.2889

46.0394, 0.2569,
0.2889

40.9170, 0.2421,
0.2755

51.7419, 0.2723,
0.3014

36.3437, 0.2282,
0.2613

58.0427, 0.2880,
0.3129

32.2934, 0.2158,
0.2466

64.9656, 0.3036,
0.3233

28.7350, 0.2051,
0.2317

72.5315, 0.3188,
0.3327

25.6326, 0.1966,
0.2168

80.7600, 0.3336,
0.3410

■ 22.9425, 0.1901,
0.2022

■ 86.8799, 0.3377,
0.3490

■ 21.9428, 0.1879,
0.1964

■ 91.8266, 0.3365,
0.3570

■ 97.0010, 0.3353,
0.3649

■ 97.7904, 0.3351,
0.3661

Harmonies

Analogous

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



46.0394, 0.2571, 0.3106



46.0394, 0.2569, 0.2889



46.0394, 0.2708, 0.2789

Triad

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



46.0394, 0.2569, 0.2889



46.0394, 0.3552, 0.3173



46.0394, 0.3272, 0.3821

Complementary

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



46.0394, 0.2569, 0.2889



44.9853, 0.3857, 0.3656

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.



46.0394, 0.3548, 0.3813



46.0394, 0.2569, 0.2889



46.0394, 0.3718, 0.3427

Square

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



46.0394, 0.2569, 0.2889



46.0394, 0.3270, 0.2954



46.0394, 0.3715, 0.3662



46.0394, 0.2967, 0.3665

Rectangle

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



46.0394, 0.2569, 0.2889



46.0394, 0.2866, 0.2794



46.0394, 0.3715, 0.3662



46.0394, 0.3372, 0.3837

Sweetspot

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



46.0412, 0.2569, 0.2889



88.3736, 0.2956, 0.3181



57.9792, 0.2898, 0.3944



18.6257, 0.2935, 0.3166



0.0000, 0.0000, 0.0000



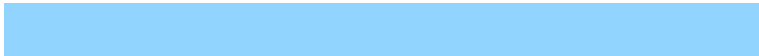
21.4041, 0.3127, 0.3290

Same Dimension

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



46.0412, 0.2569, 0.2889



60.7800, 0.2458, 0.2790



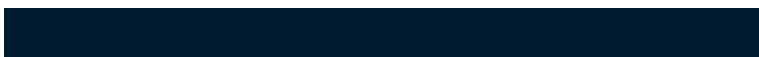
31.7021, 0.2493, 0.2340



13.9449, 0.2982, 0.3198



13.4917, 0.1885, 0.1985



1.0390, 0.1950, 0.2221

Inverse Universe

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



36.7999, 0.3461, 0.2720



46.4139, 0.3557, 0.2603



61.6837, 0.3699, 0.4088



13.1856, 0.3196, 0.3147



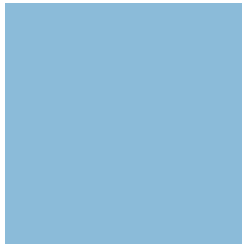
9.9858, 0.4470, 0.2236



0.6636, 0.4210, 0.2093

Previews

White Background



This preview shows how the Yxy color 46.0394, 0.2569, 0.2889 looks on a white background.

Color Contrast Check

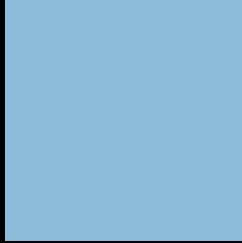
Large Text (above 18pt) WCAG AA × Fail

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 46.0394, 0.2569, 0.2889 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 46.0394, 0.2569, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 46.0394, 0.2569, 0.2889.



This preview shows how white text looks on a background with the Yxy color 46.0394, 0.2569, 0.2889.

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

46.0394, 0.2569, 0.2889

Protanopia

45.9420, 0.2844, 0.2883

Deuteranopia

45.6301, 0.2817, 0.2754



Tritanopia

45.9891, 0.2631, 0.3083

Trichromacy



Original Color

46.0394, 0.2569, 0.2889

Protanomaly

45.8371, 0.2736, 0.2887

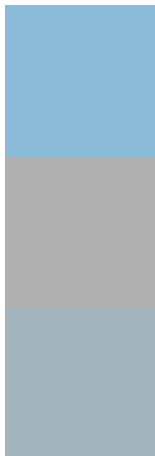
Deuteranomaly

45.5970, 0.2722, 0.2803

Tritanomaly

45.8883, 0.2606, 0.3004

Monochromacy



Original Color

46.0394, 0.2569, 0.2889

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.1906, 0.2902, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0394, 0.2569, 0.2889 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(139, 187, 217)` looks like.

```
.text, #text, p{  
    color:rgb(139, 187, 217)  
}
```

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(139, 187, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 187, 217) }
```

Border

The CSS property to change the border of an element to Yxy 46.0394, 0.2569, 0.2889 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(139, 187, 217) }
```

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

```
.border{ border-color:rgb(139, 187, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 187, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 187, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 187, 217);  
box-shadow:4px 4px 4px 4px rgb(139, 187,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0394, 0.2569, 0.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 187, 217) }
```

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

```
.background{ background-color: rgb(139,  
187, 217) }
```

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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