

Converting Colors

$Y_{xy}(46.2744, 0.2615, 0.2789)$

Have a look what the booklet for
Yxy(46.2744, 0.2615, 0.2789)
contains.

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Color

Yxy(46.2841, 0.2613, 0.2786)

Conversions

Conversions Part 1

Format	Color
Hex	98B8DF
RGB	152, 184, 223
RGB Percent	60%, 72%, 87%
CMY	0.4038, 0.2784, 0.1256
CMYK	0.32, 0.17, 0.00, 0.13
HSL	213°, 53%, 74%
HSV	213°, 32%, 87%
XYZ	43.4100, 46.2841, 76.4369
YIQ	178.8780, -31.5910, 5.3450

Conversions

Conversions Part 2

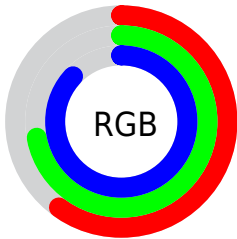
Format	Color
R_{YB}	152, 174, 223
Decimal	10008799
CIE _{Lab}	73.73, -1.71, -23.04
CIE _{LCh}	74, 23.108, 265.751
Yxy	46.2841, 0.2613, 0.2786
Android (android.graphics.Color)	4288198879 (0xFF98B8DF)
YUV	178.8780, 21.7521, -23.5720
Hunter-Lab	68.0324, -5.1597, -18.9918

Details

The Yxy color **46.2841, 0.2613, 0.2786** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.2166, 0.3712, 0.3745**, and the grayscale version is **44.9092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9501, 0.2840, 0.3132**, and **21.7124, 0.2473, 0.2641** is the 20% darker color. If you saturate the color by 10%, you get **39.4612, 0.2445, 0.2594**, and if you desaturate by 10%, it is **53.9558, 0.2780, 0.2962**.

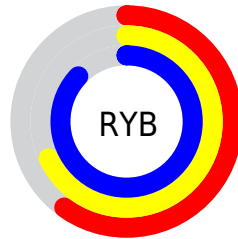
Distribution



Red (60%)

Green (72%)

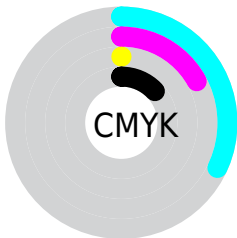
Blue (87%)



Red (60%)

Yellow (68%)

Blue (87%)

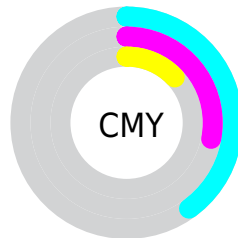


Cyan (32%)

Magenta (17%)

Yellow (0%)

Black (13%)



Cyan (40%)

Magenta (28%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2841, 0.2613, 0.2786 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 46.2841, 0.2613, 0.2786 by changing the saturation by 10% instead.

■ 46.2841, 0.2613,
0.2786

■ 46.2841, 0.2613,
0.2786

■ 371.9497, 0.2866,
0.3035

■ 32.4701, 0.2552,
0.2725

■ 84.6440, 0.2704,
0.2876

■ 21.7208, 0.2474,
0.2648

■ 109.9587, 0.2738,
0.2910

■ 13.6519, 0.2372,
0.2546

■ 139.8757, 0.2767,
0.2939

■ 7.8790, 0.2235,
0.2409

■ 174.7795, 0.2793,
0.2963

■ 4.0176, 0.2040,
0.2212

■ 215.0543, 0.2815,
0.2985

■ 1.6834, 0.1746,
0.1912

■ 261.0847, 0.2834,

■ 0.4129, 0.1065,

0.3004

0.1254

313.2550, 0.2851,
0.3021

0.0000, 0.0000,
0.0000

46.2841, 0.2613,
0.2786

46.2841, 0.2613,
0.2786

39.4612, 0.2445,
0.2594

53.9558, 0.2780,
0.2962

33.4479, 0.2281,
0.2390

62.5025, 0.2944,
0.3122

28.2094, 0.2127,
0.2178

71.9558, 0.3100,
0.3266

23.7058, 0.1988,
0.1962

82.3442, 0.3247,
0.3393

19.8923, 0.1871,
0.1750

92.0422, 0.3328,
0.3509

■ 16.7172, 0.1779,
0.1549

■ 98.1062, 0.3316,
0.3602

■ 14.5312, 0.1721,
0.1396

Harmonies

Analogous

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



46.2841, 0.2522, 0.2940



46.2841, 0.2613, 0.2786



46.2841, 0.2838, 0.2765

Triad

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



46.2841, 0.2613, 0.2786



46.2841, 0.3704, 0.3330



46.2841, 0.3077, 0.3769

Complementary

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



46.2841, 0.2613, 0.2786



55.2166, 0.3712, 0.3745

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.



46.2841, 0.3399, 0.3870



46.2841, 0.2613, 0.2786



46.2841, 0.3772, 0.3593

Square

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



46.2841, 0.2613, 0.2786



46.2841, 0.3473, 0.3071



46.2841, 0.3656, 0.3796



46.2841, 0.2780, 0.3517

Rectangle

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



46.2841, 0.2613, 0.2786



46.2841, 0.3041, 0.2822



46.2841, 0.3656, 0.3796



46.2841, 0.3186, 0.3822

Sweetspot

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



46.2859, 0.2613, 0.2786



86.8653, 0.2971, 0.3148



63.1510, 0.2859, 0.3714



18.2193, 0.2949, 0.3127



0.0000, 0.0000, 0.0000



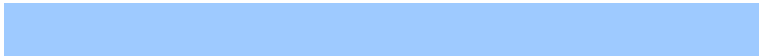
21.4041, 0.3127, 0.3290

Same Dimension

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



46.2859, 0.2613, 0.2786



56.6294, 0.2504, 0.2664



34.7037, 0.2579, 0.2358



14.2553, 0.2981, 0.3158



8.7656, 0.1729, 0.1423



0.7845, 0.1811, 0.1719

Inverse Universe

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



41.6123, 0.3527, 0.2917



50.0009, 0.3641, 0.2839



70.3388, 0.3587, 0.4086



13.8027, 0.3222, 0.3185



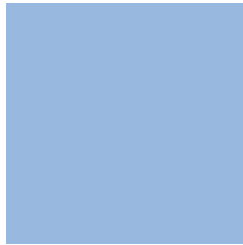
9.7929, 0.5160, 0.2616



0.6967, 0.4783, 0.2409

Previews

White Background



This preview shows how the Yxy color 46.2841, 0.2613, 0.2786 looks on a white background.

Color Contrast Check

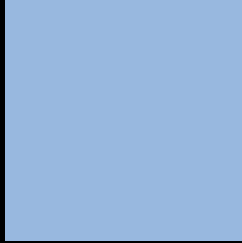
Large Text (above 18pt) WCAG AA × Fail

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 46.2841, 0.2613, 0.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

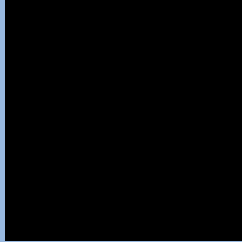
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

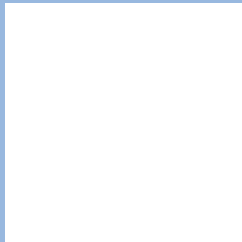
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2841, 0.2613, 0.2786

Background



This preview shows how black text looks on a background with the Yxy color 46.2841, 0.2613, 0.2786.



This preview shows how white text looks on a background with the Yxy color 46.2841, 0.2613, 0.2786.

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

46.2841, 0.2613, 0.2786

Protanopia

46.1782, 0.2767, 0.2775

Deuteranopia

46.0562, 0.2768, 0.2708



Tritanopia

46.4813, 0.2709, 0.3086

Trichromacy



Original Color

46.2841, 0.2613, 0.2786

Protanomaly

46.2675, 0.2711, 0.2782

Deuteranomaly

46.2398, 0.2705, 0.2736

Tritanomaly

46.5834, 0.2677, 0.2983

Monochromacy



Original Color

46.2841, 0.2613, 0.2786

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.4229, 0.2921, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2841, 0.2613, 0.2786 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(152, 184, 223)` looks like.

```
.text, #text, p{  
    color:rgb(152, 184, 223)  
}
```

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(152, 184, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 184, 223) }
```

Border

The CSS property to change the border of an element to Yxy 46.2841, 0.2613, 0.2786 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(152, 184, 223) }
```

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

```
.border{ border-color:rgb(152, 184, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 184, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 184, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 184, 223);  
box-shadow:4px 4px 4px 4px rgb(152, 184,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2841, 0.2613, 0.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 184, 223) }
```

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

```
.background{ background-color: rgb(152,  
184, 223) }
```

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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