

Converting Colors

$Yxy(48.8351, 0.2725, 0.2938)$

Have a look what the booklet for
Yxy(48.8351, 0.2725, 0.2938)
contains.

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Color

Yxy(48.9301, 0.2724, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	A1BDD8
RGB	161, 189, 216
RGB Percent	63%, 74%, 85%
CMY	0.3687, 0.2588, 0.1528
CMYK	0.25, 0.13, 0.00, 0.15
HSL	209°, 41%, 74%
HSV	209°, 25%, 85%
XYZ	45.2890, 48.9301, 72.0401
YIQ	183.7060, -25.3550, 2.4610

Conversions

Conversions Part 2

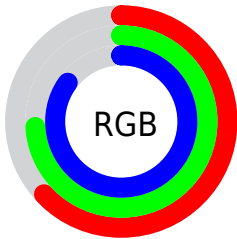
Format	Color
RYB	161, 180, 216
Decimal	10599896
CIELab	75.41, -3.47, -16.68
CIElCh	75, 17.032, 258.249
Yxy	48.9301, 0.2724, 0.2943
Android (android.graphics.Color)	4288789976 (0xFFA1BDD8)
YUV	183.7060, 15.9209, -19.9132
Hunter-Lab	69.9501, -6.8431, -12.0965

Details

The Yxy color **48.9301, 0.2724, 0.2943** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.1405, 0.3586, 0.3613**, and the grayscale version is **47.6827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2765, 0.2896, 0.3187**, and **23.3697, 0.2616, 0.2854** is the 20% darker color. If you saturate the color by 10%, you get **42.4822, 0.2561, 0.2782**, and if you desaturate by 10%, it is **56.1032, 0.2886, 0.3090**.

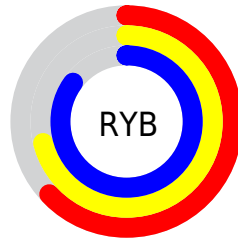
Distribution



Red (63%)

Green (74%)

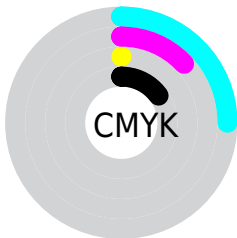
Blue (85%)



Red (63%)

Yellow (71%)

Blue (85%)

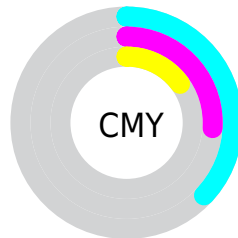


Cyan (25%)

Magenta (13%)

Yellow (0%)

Black (15%)



Cyan (37%)

Magenta (26%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.9301, 0.2724, 0.2943 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 48.9301, 0.2724, 0.2943 by changing the saturation by 10% instead.

■ 48.9301, 0.2724,
0.2943

■ 48.9301, 0.2724,
0.2943

■ 382.4671, 0.2921,
0.3115

■ 34.5640, 0.2676,
0.2901

■ 88.5876, 0.2795,
0.3005

■ 23.3272, 0.2615,
0.2847

■ 114.6479, 0.2822,
0.3028

■ 14.8353, 0.2536,
0.2776

■ 145.3750, 0.2844,
0.3048

■ 8.7039, 0.2429,
0.2679

■ 181.1533, 0.2864,
0.3065

■ 4.5486, 0.2274,
0.2538

■ 222.3673, 0.2881,
0.3080

■ 1.9849, 0.2037,
0.2317

■ 269.4013, 0.2896,

■ 0.5987, 0.1524,

0.3093

0.1884

322.6398, 0.2910,
0.3105

0.0000, 0.0000,
0.0000

48.9301, 0.2724,
0.2943

48.9301, 0.2724,
0.2943

42.4822, 0.2561,
0.2782

56.1032, 0.2886,
0.3090

36.7265, 0.2401,
0.2608

64.0209, 0.3043,
0.3223

31.6360, 0.2247,
0.2424

72.7092, 0.3195,
0.3342

27.1791, 0.2107,
0.2233

82.1909, 0.3338,
0.3447

23.3209, 0.1984,
0.2041

89.7369, 0.3376,
0.3548

■ 20.0218, 0.1882,
0.1851

■ 96.2337, 0.3361,
0.3648

■ 17.2346, 0.1805,
0.1670

■ 97.7392, 0.3357,
0.3671

■ 16.1099, 0.1776,
0.1591

Harmonies

Analogous

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



48.9301, 0.2684, 0.3082



48.9301, 0.2724, 0.2943



48.9301, 0.2869, 0.2899

Triad

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



48.9301, 0.2724, 0.2943



48.9301, 0.3511, 0.3274



48.9301, 0.3153, 0.3661

Complementary

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



48.9301, 0.2724, 0.2943



53.1405, 0.3586, 0.3613

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.



48.9301, 0.3380, 0.3705



48.9301, 0.2724, 0.2943



48.9301, 0.3592, 0.3471

Square

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



48.9301, 0.2724, 0.2943



48.9301, 0.3323, 0.3088



48.9301, 0.3543, 0.3631



48.9301, 0.2926, 0.3505

Rectangle

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



48.9301, 0.2724, 0.2943



48.9301, 0.3009, 0.2925



48.9301, 0.3543, 0.3631



48.9301, 0.3232, 0.3689

Sweetspot

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



48.9321, 0.2724, 0.2943



90.1112, 0.3003, 0.3190



60.3128, 0.2926, 0.3654



18.9069, 0.2979, 0.3170



0.0000, 0.0000, 0.0000



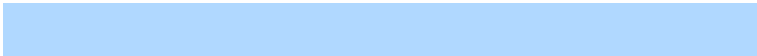
21.4041, 0.3127, 0.3290

Same Dimension

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



48.9321, 0.2724, 0.2943



65.6586, 0.2629, 0.2851



38.3376, 0.2691, 0.2580



13.0436, 0.2982, 0.3173



9.7497, 0.1783, 0.1618



0.7536, 0.1869, 0.1927

Inverse Universe

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



43.7592, 0.3396, 0.2958



57.2593, 0.3477, 0.2878



65.8316, 0.3512, 0.3913



12.5253, 0.3212, 0.3172



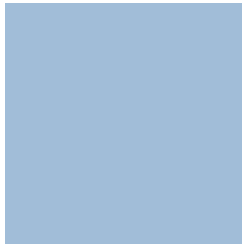
9.3291, 0.4909, 0.2478



0.5794, 0.4536, 0.2273

Previews

White Background



This preview shows how the Yxy color 48.9301, 0.2724, 0.2943 looks on a white background.

Color Contrast Check

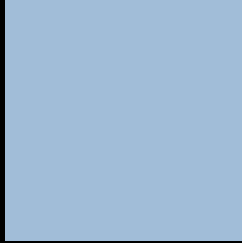
Large Text (above 18pt) WCAG AA × Fail

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 48.9301, 0.2724, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

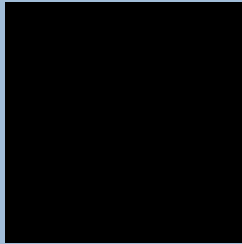
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

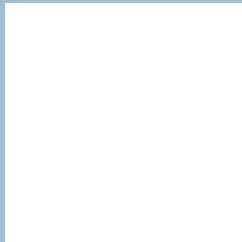
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.9301, 0.2724, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 48.9301, 0.2724, 0.2943.



This preview shows how white text looks on a background with the Yxy color 48.9301, 0.2724, 0.2943.

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

48.9301, 0.2724, 0.2943

Protanopia

48.7884, 0.2880, 0.2928

Deuteranopia

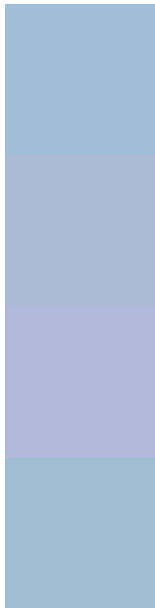
48.8011, 0.2905, 0.2840



Tritanopia

49.0888, 0.2777, 0.3093

Trichromacy



Original Color

48.9301, 0.2724, 0.2943

Protanomaly

48.8571, 0.2821, 0.2937

Deuteranomaly

48.7557, 0.2837, 0.2880

Tritanomaly

48.9536, 0.2757, 0.3030

Monochromacy



Original Color

48.9301, 0.2724, 0.2943

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.3334, 0.2971, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9301, 0.2724, 0.2943 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(161, 189, 216)` looks like.

```
.text, #text, p{  
    color:rgb(161, 189, 216)  
}
```

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(161, 189, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 189, 216) }
```

Border

The CSS property to change the border of an element to Yxy 48.9301, 0.2724, 0.2943 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(161, 189, 216) }
```

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

```
.border{ border-color:rgb(161, 189, 216) }
```

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

Here you see how a box with a 4 pixel rgb(161, 189, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 189, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 189, 216);  
box-shadow:4px 4px 4px 4px rgb(161, 189,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9301, 0.2724, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 189, 216) }
```

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

```
.background{ background-color: rgb(161,  
189, 216) }
```

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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