

Converting Colors

$Yxy(48.7876, 0.2620, 0.2924)$

Have a look what the booklet for
Yxy(48.7876, 0.2620, 0.2924)
contains.

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Color

Yxy(48.6720, 0.2622, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	94BFDB
RGB	148, 191, 219
RGB Percent	58%, 75%, 86%
CMY	0.4195, 0.2510, 0.1413
CMYK	0.32, 0.13, 0.00, 0.14
HSL	204°, 50%, 72%
HSV	204°, 32%, 86%
XYZ	43.6301, 48.6720, 74.0979
YIQ	181.3350, -34.6160, -0.4080

Conversions

Conversions Part 2

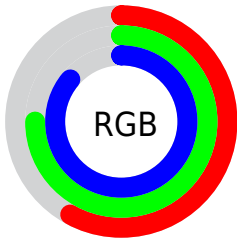
Format	Color
RYB	148, 175, 219
Decimal	9748443
CIELab	75.25, -7.60, -18.60
CIELCh	75, 20.091, 247.764
Yxy	48.6720, 0.2622, 0.2925
Android (android.graphics.Color)	4287938523 (0xFF94BFDB)
YUV	181.3350, 18.5688, -29.2348
Hunter-Lab	69.7653, -10.4584, -14.1363

Details

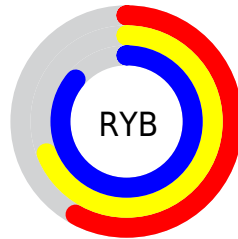
The Yxy color $48.6720, 0.2622, 0.2925$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $48.2465, 0.3765, 0.3627$, and the grayscale version is $46.3134, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.5789, 0.2822, 0.3206$, and $23.2902, 0.2491, 0.2829$ is the 20% darker color. If you saturate the color by 10%, you get $43.1653, 0.2470, 0.2790$, and if you desaturate by 10%, it is $54.7908, 0.2778, 0.3050$.

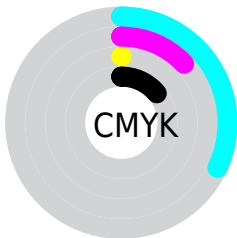
Distribution



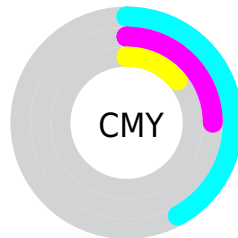
- Red (58%)
- Green (75%)
- Blue (86%)



- Red (58%)
- Yellow (69%)
- Blue (86%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (42%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6720, 0.2622, 0.2925 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 48.6720, 0.2622, 0.2925 by changing the saturation by 10% instead.

■ 48.6720, 0.2622,
0.2925

■ 48.6720, 0.2622,
0.2925

■ 381.4496, 0.2868,
0.3108

■ 34.3594, 0.2563,
0.2880

■ 88.2041, 0.2710,
0.2991

■ 23.1698, 0.2488,
0.2822

■ 114.1924, 0.2743,
0.3016

■ 14.7189, 0.2391,
0.2746

■ 144.8413, 0.2772,
0.3037

■ 8.6224, 0.2260,
0.2641

■ 180.5353, 0.2796,
0.3055

■ 4.4957, 0.2074,
0.2488

■ 221.6587, 0.2818,
0.3071

■ 1.9545, 0.1795,
0.2248

■ 268.5960, 0.2837,

■ 0.5809, 0.1131,

0.3085

0.1793

321.7315, 0.2853,
0.3097

0.0000, 0.0000,
0.0000

48.6720, 0.2622,
0.2925

48.6720, 0.2622,
0.2925

43.1653, 0.2470,
0.2790

54.7908, 0.2778,
0.3050

38.2394, 0.2326,
0.2647

61.5399, 0.2935,
0.3164

33.8683, 0.2195,
0.2498

68.9434, 0.3090,
0.3267

30.0210, 0.2080,
0.2344

77.0224, 0.3241,
0.3359

26.6627, 0.1986,
0.2191

85.3174, 0.3368,
0.3442

■ 23.7517, 0.1913,
0.2040

■ 90.3589, 0.3356,
0.3526

■ 21.7896, 0.1869,
0.1928

■ 95.6435, 0.3344,
0.3608

■ 97.8934, 0.3340,
0.3641

Harmonies

Analogous

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



48.6720, 0.2621, 0.3120



48.6720, 0.2622, 0.2925



48.6720, 0.2751, 0.2835

Triad

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



48.6720, 0.2622, 0.2925



48.6720, 0.3515, 0.3189



48.6720, 0.3254, 0.3766

Complementary

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



48.6720, 0.2622, 0.2925



48.2465, 0.3765, 0.3627

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.



48.6720, 0.3504, 0.3764



48.6720, 0.2622, 0.2925



48.6720, 0.3662, 0.3421

Square

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



48.6720, 0.2622, 0.2925



48.6720, 0.3263, 0.2988



48.6720, 0.3656, 0.3632



48.6720, 0.2978, 0.3623

Rectangle

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



48.6720, 0.2622, 0.2925



48.6720, 0.2897, 0.2840



48.6720, 0.3656, 0.3632



48.6720, 0.3344, 0.3782

Sweetspot

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



48.6739, 0.2622, 0.2925



89.2323, 0.2972, 0.3189



60.0543, 0.2918, 0.3869



18.7919, 0.2950, 0.3174



0.0000, 0.0000, 0.0000



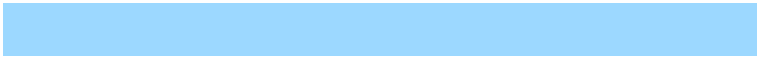
21.4041, 0.3127, 0.3290

Same Dimension

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



48.6739, 0.2622, 0.2925



63.2463, 0.2516, 0.2833



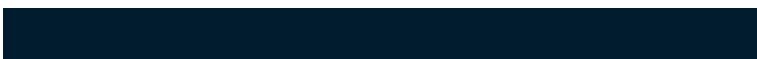
35.2895, 0.2564, 0.2449



13.9229, 0.2982, 0.3196



13.1420, 0.1875, 0.1950



1.0176, 0.1942, 0.2192

Inverse Universe

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



40.0055, 0.3426, 0.2785



49.8331, 0.3513, 0.2676



63.6359, 0.3641, 0.4010



13.1833, 0.3198, 0.3149



9.9505, 0.4510, 0.2258



0.6614, 0.4241, 0.2110

Previews

White Background



This preview shows how the Yxy color 48.6720, 0.2622, 0.2925 looks on a white background.

Color Contrast Check

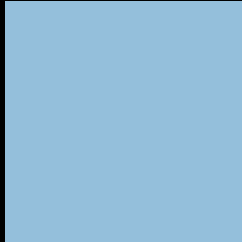
Large Text (above 18pt) WCAG AA × Fail

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 48.6720, 0.2622, 0.2925 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

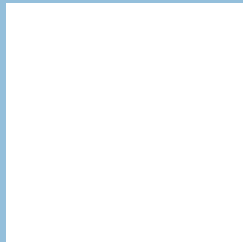
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6720, 0.2622, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 48.6720, 0.2622, 0.2925.



This preview shows how white text looks on a background with the Yxy color 48.6720, 0.2622, 0.2925.

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

48.6720, 0.2622, 0.2925

Protanopia

48.3057, 0.2864, 0.2903

Deuteranopia

48.5825, 0.2860, 0.2803



Tritanopia

48.8050, 0.2678, 0.3089

Trichromacy



Original Color

48.6720, 0.2622, 0.2925

Protanomaly

48.4005, 0.2771, 0.2909

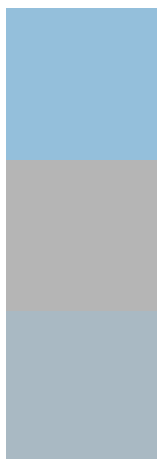
Deuteranomaly

48.6359, 0.2773, 0.2852

Tritanomaly

48.6558, 0.2659, 0.3025

Monochromacy



Original Color

48.6720, 0.2622, 0.2925

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.0731, 0.2923, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6720, 0.2622, 0.2925 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(148, 191, 219)` looks like.

```
.text, #text, p{  
    color:rgb(148, 191, 219)  
}
```

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(148, 191, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 191, 219) }
```

Border

The CSS property to change the border of an element to Yxy 48.6720, 0.2622, 0.2925 is called "border". The border property can be set on classes, ids or directly on the HTML element.

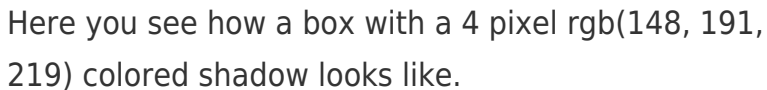
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 191, 219) }
```

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

```
.border{ border-color:rgb(148, 191, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(148, 191, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 191, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 191, 219);  
box-shadow:4px 4px 4px 4px rgb(148, 191,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6720, 0.2622, 0.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 191, 219) }
```

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

```
.background{ background-color: rgb(148,  
191, 219) }
```

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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