

Converting Colors

$Yxy(48.3951, 0.2712, 0.2943)$

Have a look what the booklet for
Yxy(48.3951, 0.2712, 0.2943)
contains.

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Color

Yxy(48.2437, 0.2716, 0.2941)

Conversions

Conversions Part 1

Format	Color
Hex	9FBCD7
RGB	159, 188, 215
RGB Percent	62%, 74%, 84%
CMY	0.3763, 0.2628, 0.1569
CMYK	0.26, 0.13, 0.00, 0.16
HSL	209°, 41%, 73%
HSV	209°, 26%, 84%
XYZ	44.5528, 48.2437, 71.2419
YIQ	182.4070, -25.9510, 2.2490

Conversions

Conversions Part 2

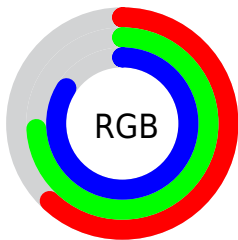
Format	Color
RYB	159, 178, 215
Decimal	10468567
CIELab	74.98, -3.75, -16.77
CIELCh	75, 17.183, 257.410
Yxy	48.2437, 0.2716, 0.2941
Android (android.graphics.Color)	4288658647 (0xFF9FBCD7)
YUV	182.4070, 16.0683, -20.5279
Hunter-Lab	69.4577, -7.0542, -12.1926

Details

The Yxy color **48.2437, 0.2716, 0.2941** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.0861, 0.3599, 0.3615**, and the grayscale version is **46.9393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3684, 0.2884, 0.3176**, and **22.9302, 0.2604, 0.2850** is the 20% darker color. If you saturate the color by 10%, you get **41.9603, 0.2554, 0.2782**, and if you desaturate by 10%, it is **55.2319, 0.2878, 0.3086**.

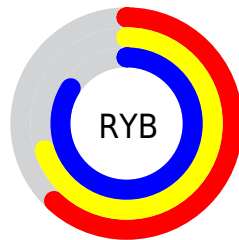
Distribution



Red (62%)

Green (74%)

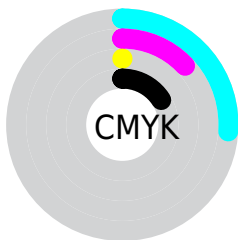
Blue (84%)



Red (62%)

Yellow (70%)

Blue (84%)

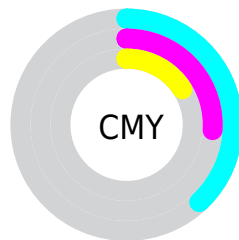


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (16%)



Cyan (38%)

Magenta (26%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2437, 0.2716, 0.2941 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 48.2437, 0.2716, 0.2941 by changing the saturation by 10% instead.

■ 48.2437, 0.2716,
0.2941

■ 48.2437, 0.2716,
0.2941

379.7573, 0.2918,
0.3114

■ 34.0199, 0.2667,
0.2898

■ 87.5671, 0.2788,
0.3004

■ 22.9089, 0.2605,
0.2844

■ 113.4356, 0.2816,
0.3027

■ 14.5263, 0.2523,
0.2772

143.9544, 0.2839,
0.3047

■ 8.4876, 0.2413,
0.2673

179.5079, 0.2859,
0.3065

■ 4.4085, 0.2254,
0.2529

220.4806, 0.2877,
0.3080

■ 1.9046, 0.2010,
0.2303

267.2567, 0.2892,

■ 0.5511, 0.1440,

0.3093

0.1835

320.2209, 0.2906,
0.3104

■ 0.0000, 0.0000,
0.0000

■ 48.2437, 0.2716,
0.2941

■ 48.2437, 0.2716,
0.2941

■ 41.9603, 0.2554,
0.2782

■ 55.2319, 0.2878,
0.3086

■ 36.3495, 0.2394,
0.2611

■ 62.9439, 0.3035,
0.3218

■ 31.3848, 0.2243,
0.2430

■ 71.4050, 0.3187,
0.3335

■ 27.0352, 0.2104,
0.2242

■ 80.6376, 0.3331,
0.3439

■ 23.2664, 0.1983,
0.2053

■ 88.4069, 0.3386,
0.3537

■ 20.0394, 0.1884,
0.1867

■ 94.6864, 0.3371,
0.3636

■ 17.3072, 0.1809,
0.1689

■ 97.6855, 0.3364,
0.3681

■ 16.3264, 0.1783,
0.1620

Harmonies

Analogous

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



48.2437, 0.2678, 0.3084



48.2437, 0.2716, 0.2941



48.2437, 0.2860, 0.2894

Triad

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



48.2437, 0.2716, 0.2941



48.2437, 0.3512, 0.3268



48.2437, 0.3160, 0.3669

Complementary

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



48.2437, 0.2716, 0.2941



52.0861, 0.3599, 0.3615

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.



48.2437, 0.3389, 0.3710



48.2437, 0.2716, 0.2941



48.2437, 0.3598, 0.3468

Square

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



48.2437, 0.2716, 0.2941



48.2437, 0.3320, 0.3080



48.2437, 0.3552, 0.3632



48.2437, 0.2929, 0.3513

Rectangle

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



48.2437, 0.2716, 0.2941



48.2437, 0.3001, 0.2918



48.2437, 0.3552, 0.3632



48.2437, 0.3240, 0.3697

Sweetspot

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



48.2456, 0.2716, 0.2941



90.2131, 0.3003, 0.3192



59.4783, 0.2928, 0.3675



18.9326, 0.2979, 0.3172



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.



48.2456, 0.2716, 0.2941



65.9940, 0.2630, 0.2859



37.7432, 0.2682, 0.2576



13.0610, 0.2982, 0.3175



9.9803, 0.1791, 0.1646



0.7674, 0.1875, 0.1951

Inverse Universe

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



42.8901, 0.3399, 0.2945



57.2932, 0.3472, 0.2872



64.5982, 0.3523, 0.3917



12.5270, 0.3211, 0.3170



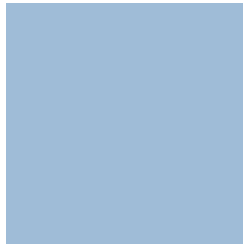
9.3524, 0.4874, 0.2459



0.5808, 0.4509, 0.2257

Previews

White Background



This preview shows how the Yxy color 48.2437, 0.2716, 0.2941 looks on a white background.

Color Contrast Check

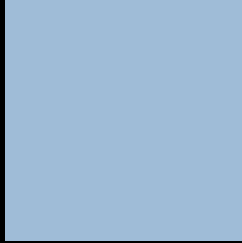
Large Text (above 18pt) WCAG AA × Fail

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 48.2437, 0.2716, 0.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

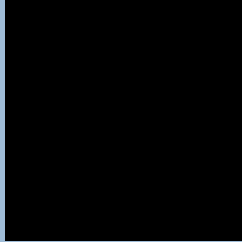
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

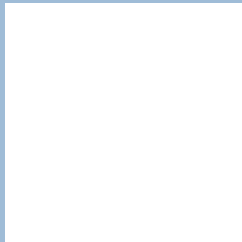
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2437, 0.2716, 0.2941

Background



This preview shows how black text looks on a background with the Yxy color 48.2437, 0.2716, 0.2941.



This preview shows how white text looks on a background with the Yxy color 48.2437, 0.2716, 0.2941.

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

48.2437, 0.2716, 0.2941

Protanopia

48.2041, 0.2878, 0.2927

Deuteranopia

48.0914, 0.2896, 0.2837



Tritanopia

48.4028, 0.2768, 0.3092

Trichromacy



Original Color

48.2437, 0.2716, 0.2941

Protanomaly

48.2727, 0.2820, 0.2935

Deuteranomaly

48.0549, 0.2828, 0.2877

Tritanomaly

48.2677, 0.2748, 0.3028

Monochromacy



Original Color

48.2437, 0.2716, 0.2941

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.1747, 0.2969, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2437, 0.2716, 0.2941 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(159, 188, 215)` looks like.

```
.text, #text, p{  
    color:rgb(159, 188, 215)  
}
```

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(159, 188, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 188, 215) }
```

Border

The CSS property to change the border of an element to Yxy 48.2437, 0.2716, 0.2941 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(159, 188, 215) }
```

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

```
.border{ border-color:rgb(159, 188, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 188, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 188, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 188, 215);  
box-shadow:4px 4px 4px 4px rgb(159, 188,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2437, 0.2716, 0.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 188, 215) }
```

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

```
.background{ background-color: rgb(159,  
188, 215) }
```

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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