

Converting Colors

$Yxy(47.3446, 0.2776, 0.2762)$

Have a look what the booklet for
Yxy(47.3446, 0.2776, 0.2762)
contains.

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Color

Yxy(47.2003, 0.2778, 0.2758)

Conversions

Conversions Part 1

Format	Color
Hex	B0B4DF
RGB	176, 180, 223
RGB Percent	69%, 71%, 87%
CMY	0.3098, 0.2941, 0.1256
CMYK	0.21, 0.19, 0.00, 0.13
HSL	235°, 42%, 78%
HSV	235°, 21%, 87%
XYZ	47.5426, 47.2003, 76.3967
YIQ	183.7060, -16.1870, 12.5250

Conversions

Conversions Part 2

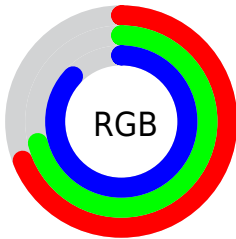
Format	Color
R_{YB}	176, 180, 223
Decimal	11580639
CIE _{Lab}	74.32, 7.60, -22.00
CIE _{LCh}	74, 23.276, 289.065
Yxy	47.2003, 0.2778, 0.2758
Android (android.graphics.Color)	4289770719 (0xFFB0B4DF)
YUV	183.7060, 19.3719, -6.7582
Hunter-Lab	68.7025, 3.2939, -17.8384

Details

The Yxy color $47.2003, 0.2778, 0.2758$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $69.4671, 0.3452, 0.3772$, and the grayscale version is $47.6610, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.3667, 0.2987, 0.3098$, and $22.2169, 0.2680, 0.2608$ is the 20% darker color. If you saturate the color by 10%, you get $37.1738, 0.2586, 0.2459$, and if you desaturate by 10%, it is $58.8695, 0.2954, 0.3028$.

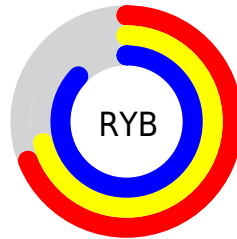
Distribution



Red (69%)

Green (71%)

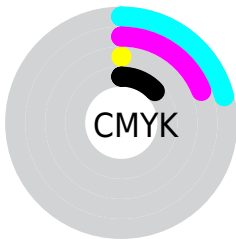
Blue (87%)



Red (69%)

Yellow (71%)

Blue (87%)

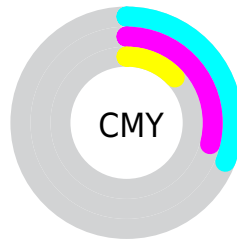


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (13%)



Cyan (31%)

Magenta (29%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2003, 0.2778, 0.2758 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 47.2003, 0.2778, 0.2758 by changing the saturation by 10% instead.

■ 47.2003, 0.2778,
0.2758

■ 47.2003, 0.2778,
0.2758

375.6135, 0.2952,
0.3016

■ 33.1940, 0.2735,
0.2696

■ 86.0125, 0.2841,
0.2850

■ 22.2751, 0.2681,
0.2618

111.5873, 0.2865,
0.2885

■ 14.0592, 0.2609,
0.2517

141.7870, 0.2885,
0.2915

■ 8.1618, 0.2510,
0.2382

176.9960, 0.2902,
0.2941

■ 4.1987, 0.2367,
0.2191

217.5988, 0.2917,
0.2963

■ 1.7853, 0.2145,
0.1905

263.9797, 0.2930,

■ 0.4780, 0.1757,

0.2983

0.1312

316.5231, 0.2942,
0.3001

0.0000, 0.0000,
0.0000

47.2003, 0.2778,
0.2758

47.2003, 0.2778,
0.2758

37.1738, 0.2586,
0.2459

58.8695, 0.2954,
0.3028

28.7107, 0.2382,
0.2137

72.2446, 0.3111,
0.3266

21.7337, 0.2174,
0.1803

87.3924, 0.3251,
0.3475

16.1567, 0.1975,
0.1475

98.1062, 0.3316,
0.3602

11.8848, 0.1797,
0.1174

■ 8.8109, 0.1656,
0.0925

■ 6.8110, 0.1561,
0.0745

■ 5.7917, 0.1513,
0.0647

Harmonies

Analogous

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



47.2003, 0.2580, 0.2809



47.2003, 0.2778, 0.2758



47.2003, 0.3077, 0.2836

Triad

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



47.2003, 0.2778, 0.2758



47.2003, 0.3773, 0.3538



47.2003, 0.2840, 0.3582

Complementary

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



47.2003, 0.2778, 0.2758



69.4671, 0.3452, 0.3772

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.



47.2003, 0.3150, 0.3807



47.2003, 0.2778, 0.2758



47.2003, 0.3697, 0.3760

Square

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



47.2003, 0.2778, 0.2758



47.2003, 0.3666, 0.3270



47.2003, 0.3465, 0.3868



47.2003, 0.2613, 0.3274

Rectangle

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



47.2003, 0.2778, 0.2758



47.2003, 0.3299, 0.2949



47.2003, 0.3465, 0.3868



47.2003, 0.2937, 0.3672

Sweetspot

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



47.2022, 0.2778, 0.2758



88.6053, 0.3035, 0.3151



67.0680, 0.2842, 0.3345



18.7109, 0.3025, 0.3136



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.



47.2022, 0.2778, 0.2758



58.1160, 0.2701, 0.2638



47.9539, 0.2921, 0.2731



13.4300, 0.2981, 0.3068



3.4739, 0.1516, 0.0658



0.3067, 0.1560, 0.0814

Inverse Universe

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



50.0323, 0.3514, 0.3245



62.6473, 0.3613, 0.3235



68.7592, 0.3303, 0.3838



13.7194, 0.3279, 0.3270



9.2587, 0.6302, 0.3245



0.6484, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 47.2003, 0.2778, 0.2758 looks on a white background.

Color Contrast Check

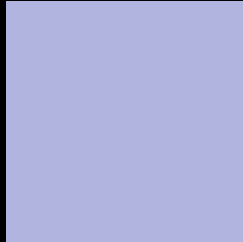
Large Text (above 18pt) WCAG AA × Fail

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 47.2003, 0.2778, 0.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

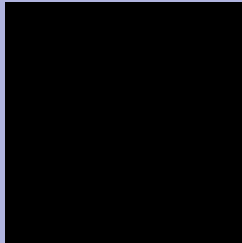
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2003, 0.2778, 0.2758

Background



This preview shows how black text looks on a background with the Yxy color 47.2003, 0.2778, 0.2758.



This preview shows how white text looks on a background with the Yxy color 47.2003, 0.2778, 0.2758.

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

47.2003, 0.2778, 0.2758

Protanopia

47.3138, 0.2750, 0.2756

Deuteranopia

47.2712, 0.2807, 0.2750



Tritanopia

47.0624, 0.2909, 0.3094

Trichromacy



Original Color

47.2003, 0.2778, 0.2758

Protanomaly

47.4282, 0.2757, 0.2757

Deuteranomaly

47.1516, 0.2800, 0.2748

Tritanomaly

47.3053, 0.2860, 0.2970

Monochromacy



Original Color

47.2003, 0.2778, 0.2758

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7679, 0.2996, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2003, 0.2778, 0.2758 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(176, 180, 223)` looks like.

```
.text, #text, p{  
    color:rgb(176, 180, 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(176, 180, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 180, 223) }
```

Border

The CSS property to change the border of an element to Yxy 47.2003, 0.2778, 0.2758 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(176, 180, 223) }
```

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

```
.border{ border-color:rgb(176, 180, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 180, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 180, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 180, 223);  
box-shadow:4px 4px 4px 4px rgb(176, 180,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2003, 0.2778, 0.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 180, 223) }
```

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

```
.background{ background-color: rgb(176,  
180, 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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