

Converting Colors

$Y_{xy}(47.1531, 0.2778, 0.2744)$

Have a look what the booklet for
Yxy(47.1531, 0.2778, 0.2744)
contains.

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Color

Yxy(47.3714, 0.2779, 0.2747)

Conversions

Conversions Part 1

Format	Color
Hex	B1B4E0
RGB	177, 180, 224
RGB Percent	69%, 71%, 88%
CMY	0.3056, 0.2942, 0.1215
CMYK	0.21, 0.20, 0.00, 0.12
HSL	236°, 43%, 79%
HSV	236°, 21%, 88%
XYZ	47.9232, 47.3714, 77.1531
YIQ	184.1190, -15.9120, 13.0480

Conversions

Conversions Part 2

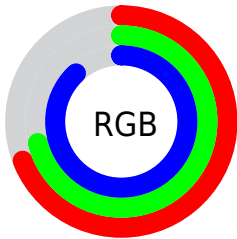
Format	Color
R_{YB}	177, 180, 224
Decimal	11646176
CIE _{Lab}	74.43, 8.19, -22.40
CIE _{LCh}	74, 23.846, 290.086
Yxy	47.3714, 0.2779, 0.2747
Android (android.graphics.Color)	4289836256 (0xFFB1B4E0)
YUV	184.1190, 19.6613, -6.2434
Hunter-Lab	68.8269, 3.8401, -18.2837

Details

The Yxy color $47.3714, 0.2779, 0.2747$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $70.8089, 0.3448, 0.3781$, and the grayscale version is $47.9054, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5345, 0.2993, 0.3099$, and $22.3284, 0.2681, 0.2596$ is the 20% darker color. If you saturate the color by 10%, you get $37.1013, 0.2585, 0.2440$, and if you desaturate by 10%, it is $59.3643, 0.2956, 0.3024$.

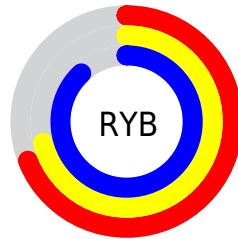
Distribution



Red (69%)

Green (71%)

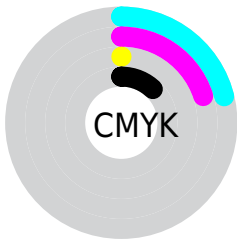
Blue (88%)



Red (69%)

Yellow (71%)

Blue (88%)

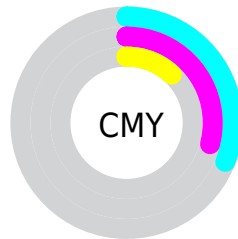


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (12%)



Cyan (31%)

Magenta (29%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3714, 0.2779, 0.2747 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 47.3714, 0.2779, 0.2747 by changing the saturation by 10% instead.

■ 47.3714, 0.2779,
0.2747

■ 47.3714, 0.2779,
0.2747

376.2951, 0.2952,
0.3010

■ 33.3294, 0.2736,
0.2684

■ 86.2677, 0.2842,
0.2841

■ 22.3789, 0.2682,
0.2605

111.8908, 0.2865,
0.2876

■ 14.1356, 0.2610,
0.2503

142.1431, 0.2885,
0.2907

■ 8.2150, 0.2512,
0.2365

177.4088, 0.2903,
0.2933

■ 4.2328, 0.2370,
0.2173

218.0725, 0.2917,
0.2956

■ 1.8046, 0.2149,
0.1886

264.5185, 0.2931,

■ 0.4901, 0.1771,

0.2976

0.1304

317.1312, 0.2942,
0.2994

0.0000, 0.0000,
0.0000

47.3714, 0.2779,
0.2747

47.3714, 0.2779,
0.2747

37.1013, 0.2585,
0.2440

59.3643, 0.2956,
0.3024

28.4694, 0.2379,
0.2110

73.1480, 0.3113,
0.3268

21.3926, 0.2169,
0.1769

88.7938, 0.3252,
0.3482

15.7783, 0.1967,
0.1437

98.1630, 0.3309,
0.3591

11.5240, 0.1789,
0.1136

■ 8.5139, 0.1647,
0.0890

■ 6.6128, 0.1554,
0.0719

■ 5.6919, 0.1509,
0.0631

Harmonies

Analogous

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



47.3714, 0.2572, 0.2794



47.3714, 0.2779, 0.2747



47.3714, 0.3087, 0.2831

Triad

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



47.3714, 0.2779, 0.2747



47.3714, 0.3789, 0.3552



47.3714, 0.2823, 0.3579

Complementary

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



47.3714, 0.2779, 0.2747



70.8089, 0.3448, 0.3781

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.



47.3714, 0.3139, 0.3815



47.3714, 0.2779, 0.2747



47.3714, 0.3704, 0.3777

Square

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



47.3714, 0.2779, 0.2747



47.3714, 0.3685, 0.3279



47.3714, 0.3463, 0.3883



47.3714, 0.2596, 0.3262

Rectangle

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



47.3714, 0.2779, 0.2747



47.3714, 0.3314, 0.2948



47.3714, 0.3463, 0.3883



47.3714, 0.2922, 0.3672

Sweetspot

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



47.3733, 0.2779, 0.2747



88.3923, 0.3035, 0.3148



67.8944, 0.2834, 0.3326



18.6608, 0.3025, 0.3132



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.



47.3733, 0.2779, 0.2747



57.4396, 0.2699, 0.2621



48.7880, 0.2935, 0.2736



13.3782, 0.2981, 0.3063



3.3684, 0.1511, 0.0640



0.2820, 0.1544, 0.0757

Inverse Universe

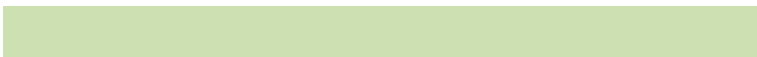
The Inverse Universe completely reimagines the original color for something new.



50.6226, 0.3521, 0.3258



62.5790, 0.3626, 0.3251



69.2929, 0.3290, 0.3837



13.7142, 0.3282, 0.3276



9.2481, 0.6332, 0.3262



0.6459, 0.6140, 0.3156

Previews

White Background



This preview shows how the Yxy color 47.3714, 0.2779, 0.2747 looks on a white background.

Color Contrast Check

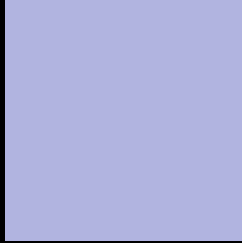
Large Text (above 18pt) WCAG AA × Fail

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 47.3714, 0.2779, 0.2747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

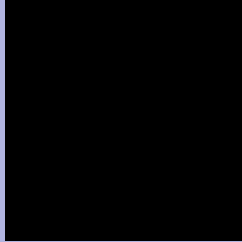
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3714, 0.2779, 0.2747

Background



This preview shows how black text looks on a background with the Yxy color 47.3714, 0.2779, 0.2747.



This preview shows how white text looks on a background with the Yxy color 47.3714, 0.2779, 0.2747.

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

47.3714, 0.2779, 0.2747

Protanopia

47.3682, 0.2743, 0.2744

Deuteranopia

47.3253, 0.2800, 0.2738



Tritanopia

47.1752, 0.2917, 0.3095

Trichromacy



Original Color

47.3714, 0.2779, 0.2747

Protanomaly

47.4827, 0.2751, 0.2746

Deuteranomaly

47.2057, 0.2793, 0.2737

Tritanomaly

47.4197, 0.2868, 0.2971

Monochromacy



Original Color

47.3714, 0.2779, 0.2747

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.8143, 0.2988, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3714, 0.2779, 0.2747 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(177, 180, 224)` looks like.

```
.text, #text, p{  
    color:rgb(177, 180, 224)  
}
```

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(177, 180, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 180, 224) }
```

Border

The CSS property to change the border of an element to Yxy 47.3714, 0.2779, 0.2747 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(177, 180, 224) }
```

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

```
.border{ border-color:rgb(177, 180, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 180, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 180, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 180, 224);  
box-shadow:4px 4px 4px 4px rgb(177, 180,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3714, 0.2779, 0.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 180, 224) }
```

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

```
.background{ background-color: rgb(177,  
180, 224) }
```

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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