

Converting Colors

$Yxy(47.3661, 0.2730, 0.2656)$

Have a look what the booklet for
Yxy(47.3661, 0.2730, 0.2656)
contains.

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Color

Yxy(47.3568, 0.2731, 0.2657)

Conversions

Conversions Part 1

Format	Color
Hex	B1B3E7
RGB	177, 179, 231
RGB Percent	69%, 70%, 91%
CMY	0.3060, 0.2980, 0.0940
CMYK	0.23, 0.23, 0.00, 0.09
HSL	238°, 53%, 80%
HSV	238°, 23%, 91%
XYZ	48.6757, 47.3568, 82.2016
YIQ	184.3300, -17.8840, 15.7480

Conversions

Conversions Part 2

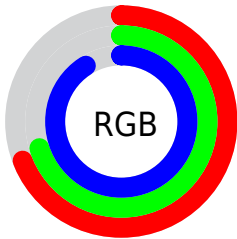
Format	Color
R _Y B	177, 179, 231
Decimal	11645927
CIE Lab	74.42, 10.30, -26.22
CIE LCh	74, 28.170, 291.450
Yxy	47.3568, 0.2731, 0.2657
Android (android.graphics.Color)	4289836007 (0xFFB1B3E7)
YUV	184.3300, 23.0083, -6.4284
Hunter-Lab	68.8163, 5.8297, -22.6510

Details

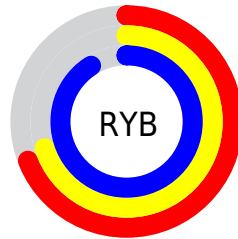
The Yxy color $47.3568, 0.2731, 0.2657$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $76.2138, 0.3484, 0.3853$, and the grayscale version is $48.0026, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.9603, 0.2993, 0.3088$, and $22.2278, 0.2619, 0.2492$ is the 20% darker color. If you saturate the color by 10%, you get $36.6644, 0.2531, 0.2335$, and if you desaturate by 10%, it is $59.9498, 0.2914, 0.2950$.

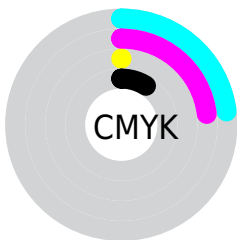
Distribution



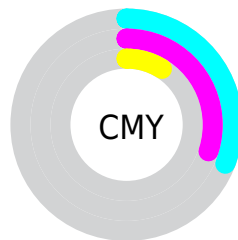
- Red (69%)
- Green (70%)
- Blue (91%)



- Red (69%)
- Yellow (70%)
- Blue (91%)



- Cyan (23%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3568, 0.2731, 0.2657 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 47.3568, 0.2731, 0.2657 by changing the saturation by 10% instead.

■ 47.3568, 0.2731,
0.2657

■ 47.3568, 0.2731,
0.2657

376.2369, 0.2928,
0.2961

■ 33.3178, 0.2683,
0.2585

■ 86.2460, 0.2802,
0.2765

■ 22.3700, 0.2621,
0.2495

111.8649, 0.2829,
0.2806

■ 14.1290, 0.2540,
0.2379

142.1127, 0.2852,
0.2841

■ 8.2105, 0.2431,
0.2226

177.3736, 0.2871,
0.2872

■ 4.2299, 0.2273,
0.2013

218.0321, 0.2888,
0.2898

■ 1.8030, 0.2033,
0.1704

264.4726, 0.2903,

■ 0.4890, 0.1643,

0.2922

0.1122

317.0794, 0.2916,
0.2943

0.0000, 0.0000,
0.0000

47.3568, 0.2731,
0.2657

47.3568, 0.2731,
0.2657

36.6644, 0.2531,
0.2335

59.9498, 0.2914,
0.2950

27.7751, 0.2321,
0.1992

74.5233, 0.3076,
0.3209

20.5911, 0.2109,
0.1645

91.1598, 0.3219,
0.3436

15.0032, 0.1909,
0.1314

98.5515, 0.3268,
0.3522

10.8897, 0.1738,
0.1027

■ 8.1111, 0.1610,
0.0806

■ 6.5013, 0.1532,
0.0667

■ 5.9591, 0.1505,
0.0618

Harmonies

Analogous

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



47.3568, 0.2485, 0.2700



47.3568, 0.2731, 0.2657



47.3568, 0.3096, 0.2762

Triad

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



47.3568, 0.2731, 0.2657



47.3568, 0.3910, 0.3605



47.3568, 0.2753, 0.3618

Complementary

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



47.3568, 0.2731, 0.2657



76.2138, 0.3484, 0.3853

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.



47.3568, 0.3119, 0.3908



47.3568, 0.2731, 0.2657



47.3568, 0.3797, 0.3869

Square

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



47.3568, 0.2731, 0.2657



47.3568, 0.3798, 0.3287



47.3568, 0.3503, 0.3994



47.3568, 0.2496, 0.3236

Rectangle

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



47.3568, 0.2731, 0.2657



47.3568, 0.3364, 0.2901



47.3568, 0.3503, 0.3994



47.3568, 0.2866, 0.3732

Sweetspot

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



47.3587, 0.2731, 0.2657



86.2934, 0.3019, 0.3119



72.1363, 0.2797, 0.3320



18.2301, 0.3010, 0.3103



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.



47.3587, 0.2731, 0.2657



52.5934, 0.2638, 0.2507



49.6688, 0.2915, 0.2666



13.9731, 0.2980, 0.3056



3.3795, 0.1507, 0.0624



0.2804, 0.1526, 0.0692

Inverse Universe

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



51.6869, 0.3593, 0.3268



58.9318, 0.3721, 0.3264



73.5688, 0.3303, 0.3908



14.3767, 0.3287, 0.3282



9.5389, 0.6360, 0.3277



0.7080, 0.6246, 0.3214

Previews

White Background



This preview shows how the Yxy color 47.3568, 0.2731, 0.2657 looks on a white background.

Color Contrast Check

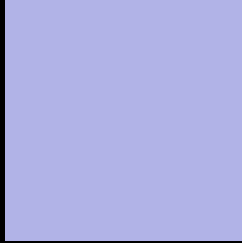
Large Text (above 18pt) WCAG AA × Fail

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 47.3568, 0.2731, 0.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

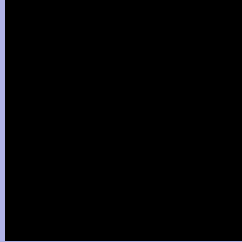
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3568, 0.2731, 0.2657

Background



This preview shows how black text looks on a background with the Yxy color 47.3568, 0.2731, 0.2657.



This preview shows how white text looks on a background with the Yxy color 47.3568, 0.2731, 0.2657.

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

47.3568, 0.2731, 0.2657

Protanopia

47.4200, 0.2677, 0.2663

Deuteranopia

47.2398, 0.2724, 0.2656



Tritanopia

47.4794, 0.2909, 0.3108

Trichromacy



Original Color

47.3568, 0.2731, 0.2657

Protanomaly

47.3529, 0.2697, 0.2654

Deuteranomaly

47.2398, 0.2724, 0.2656

Tritanomaly

47.4544, 0.2839, 0.2934

Monochromacy



Original Color

47.3568, 0.2731, 0.2657

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.4967, 0.2973, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3568, 0.2731, 0.2657 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, 179, 231)` looks like.

```
.text, #text, p{  
    color:rgb(177, 179, 231)  
}
```

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, 179, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 179, 231) }
```

Border

The CSS property to change the border of an element to Yxy 47.3568, 0.2731, 0.2657 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, 179, 231) }
```

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

```
.border{ border-color:rgb(177, 179, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 179, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 179, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 179, 231);  
box-shadow:4px 4px 4px 4px rgb(177, 179,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3568, 0.2731, 0.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 179, 231) }
```

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

```
.background{ background-color: rgb(177,  
179, 231) }
```

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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