

Converting Colors

$Yxy(46.2078, 0.2791, 0.2865)$

Have a look what the booklet for
Yxy(46.2078, 0.2791, 0.2865)
contains.

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Color

Yxy(46.3378, 0.2787, 0.2868)

Conversions

Conversions Part 1

Format	Color
Hex	A9B5D6
RGB	169, 181, 214
RGB Percent	66%, 71%, 84%
CMY	0.3372, 0.2902, 0.1607
CMYK	0.21, 0.15, 0.00, 0.16
HSL	224°, 35%, 75%
HSV	224°, 21%, 84%
XYZ	45.0291, 46.3378, 70.2014
YIQ	181.1740, -17.7450, 7.7190

Conversions

Conversions Part 2

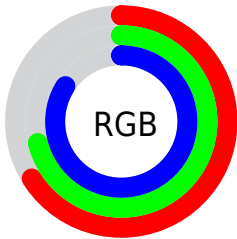
Format	Color
R _{YB}	169, 178, 214
Decimal	11122134
CIE Lab	73.76, 2.87, -18.01
CIE LCh	74, 18.240, 279.044
Yxy	46.3378, 0.2787, 0.2868
Android (android.graphics.Color)	4289312214 (0xFFA9B5D6)
YUV	181.1740, 16.1832, -10.6766
Hunter-Lab	68.0719, -1.0492, -13.4945

Details

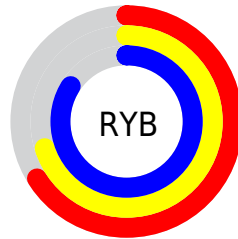
The Yxy color $46.3378, 0.2787, 0.2868$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $59.4285, 0.3469, 0.3679$, and the grayscale version is $46.2287, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.7959, 0.2943, 0.3106$, and $21.6546, 0.2691, 0.2752$ is the 20% darker color. If you saturate the color by 10%, you get $38.1309, 0.2608, 0.2631$, and if you desaturate by 10%, it is $55.6562, 0.2956, 0.3082$.

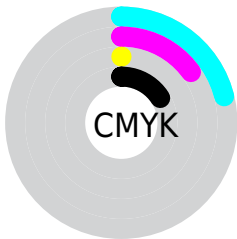
Distribution



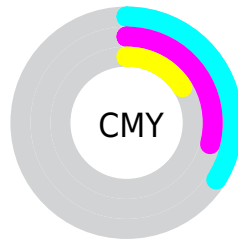
- Red (66%)
- Green (71%)
- Blue (84%)



- Red (66%)
- Yellow (70%)
- Blue (84%)



- Cyan (21%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (34%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.3378, 0.2787, 0.2868 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 46.3378, 0.2787, 0.2868 by changing the saturation by 10% instead.

■ 46.3378, 0.2787,
0.2868

■ 46.3378, 0.2787,
0.2868

372.1651, 0.2956,
0.3076

■ 32.5125, 0.2745,
0.2817

■ 84.7243, 0.2848,
0.2943

■ 21.7532, 0.2692,
0.2753

110.0543, 0.2871,
0.2971

■ 13.6757, 0.2622,
0.2668

139.9879, 0.2891,
0.2995

■ 7.8955, 0.2525,
0.2552

174.9097, 0.2908,
0.3016

■ 4.0281, 0.2383,
0.2386

215.2038, 0.2922,
0.3034

■ 1.6893, 0.2161,
0.2127

261.2549, 0.2935,

■ 0.4167, 0.1661,

0.3050

0.1485

313.4471, 0.2946,
0.3064

0.0000, 0.0000,
0.0000

46.3378, 0.2787,
0.2868

46.3378, 0.2787,
0.2868

38.1309, 0.2608,
0.2631

55.6562, 0.2956,
0.3082

30.9872, 0.2422,
0.2374

66.1206, 0.3112,
0.3272

24.8630, 0.2235,
0.2101

77.7711, 0.3255,
0.3439

19.7094, 0.2055,
0.1821

90.6440, 0.3384,
0.3586

15.4731, 0.1892,
0.1547

97.6360, 0.3369,
0.3691

■ 12.0951, 0.1755,
0.1292

■ 9.5081, 0.1651,
0.1070

■ 7.7763, 0.1585,
0.0906

Harmonies

Analogous

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



46.3378, 0.2662, 0.2948



46.3378, 0.2787, 0.2868



46.3378, 0.3005, 0.2895

Triad

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



46.3378, 0.2787, 0.2868



46.3378, 0.3623, 0.3422



46.3378, 0.2979, 0.3588

Complementary

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



46.3378, 0.2787, 0.2868



59.4285, 0.3469, 0.3679

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.



46.3378, 0.3234, 0.3725



46.3378, 0.2787, 0.2868



46.3378, 0.3612, 0.3614

Square

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



46.3378, 0.2787, 0.2868



46.3378, 0.3493, 0.3206



46.3378, 0.3467, 0.3730



46.3378, 0.2770, 0.3362

Rectangle

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



46.3378, 0.2787, 0.2868



46.3378, 0.3177, 0.2968



46.3378, 0.3467, 0.3730



46.3378, 0.3062, 0.3646

Sweetspot

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



46.3397, 0.2787, 0.2868



90.2561, 0.3035, 0.3179



60.8060, 0.2889, 0.3439



19.0998, 0.3025, 0.3166



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.



46.3397, 0.2787, 0.2868



63.5433, 0.2712, 0.2771



42.8874, 0.2861, 0.2724



12.5408, 0.2982, 0.3114



4.8462, 0.1592, 0.0930



0.4288, 0.1687, 0.1273

Inverse Universe

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



46.0202, 0.3438, 0.3147



63.1952, 0.3518, 0.3116



63.7383, 0.3360, 0.3825



12.4745, 0.3250, 0.3228



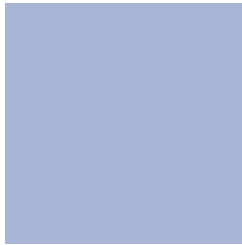
8.8341, 0.5865, 0.3004



0.5466, 0.5365, 0.2729

Previews

White Background



This preview shows how the Yxy color 46.3378, 0.2787, 0.2868 looks on a white background.

Color Contrast Check

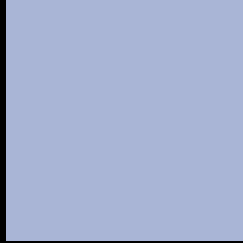
Large Text (above 18pt) WCAG AA × Fail

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 46.3378, 0.2787, 0.2868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

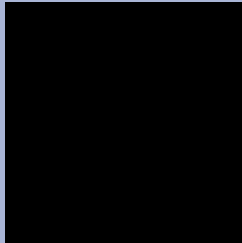
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3378, 0.2787, 0.2868

Background



This preview shows how black text looks on a background with the Yxy color 46.3378, 0.2787, 0.2868.

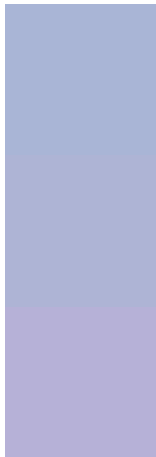


This preview shows how white text looks on a background with the Yxy color 46.3378, 0.2787, 0.2868.

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

46.3378, 0.2787, 0.2868

Protanopia

46.4453, 0.2831, 0.2872

Deuteranopia

46.2957, 0.2877, 0.2818



Tritanopia

46.4652, 0.2877, 0.3105

Trichromacy



Original Color

46.3378, 0.2787, 0.2868

Protanomaly

46.2173, 0.2816, 0.2870

Deuteranomaly

46.0942, 0.2839, 0.2825

Tritanomaly

46.4421, 0.2842, 0.3016

Monochromacy



Original Color

46.3378, 0.2787, 0.2868

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.2451, 0.3001, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3378, 0.2787, 0.2868 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(169, 181, 214)` looks like.

```
.text, #text, p{  
    color:rgb(169, 181, 214)  
}
```

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(169, 181, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 181, 214) }
```

Border

The CSS property to change the border of an element to Yxy 46.3378, 0.2787, 0.2868 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(169, 181, 214) }
```

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

```
.border{ border-color:rgb(169, 181, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 181, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 181, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 181, 214);  
box-shadow:4px 4px 4px 4px rgb(169, 181,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3378, 0.2787, 0.2868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 181, 214) }
```

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

```
.background{ background-color: rgb(169,  
181, 214) }
```

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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