

Converting Colors

$Yxy(61.8711, 0.2968, 0.3066)$

Have a look what the booklet for
Yxy(61.8711, 0.2968, 0.3066)
contains.

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Color

Yxy(61.6554, 0.2968, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	CACDE1
RGB	202, 205, 225
RGB Percent	79%, 80%, 88%
CMY	0.2078, 0.1961, 0.1176
CMYK	0.10, 0.09, 0.00, 0.12
HSL	232°, 28%, 84%
HSV	232°, 10%, 88%
XYZ	59.7822, 61.6554, 79.9848
YIQ	206.3830, -8.2080, 5.5840

Conversions

Conversions Part 2

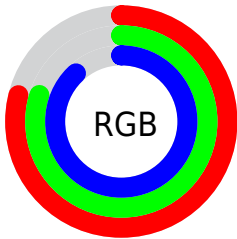
Format	Color
R _Y B	202, 205, 225
Decimal	13290977
CIE Lab	82.73, 2.84, -10.24
CIE LCh	83, 10.622, 285.501
Yxy	61.6554, 0.2968, 0.3061
Android (android.graphics.Color)	4291481057 (0xFFCACDE1)
YUV	206.3830, 9.1782, -3.8439
Hunter-Lab	78.5210, -1.5101, -5.4307

Details

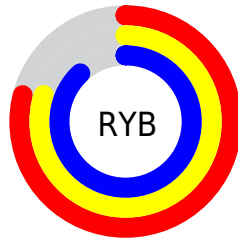
The Yxy color **61.6554, 0.2968, 0.3061** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5259, 0.3282, 0.3509**, and the grayscale version is **61.9265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3314, 0.2927, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **49.9557, 0.2795, 0.2807**, and if you desaturate by 10%, it is **74.9901, 0.3124, 0.3285**.

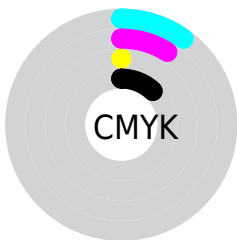
Distribution



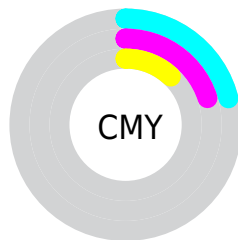
- Red (79%)
- Green (80%)
- Blue (88%)



- Red (79%)
- Yellow (80%)
- Blue (88%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (21%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6554, 0.2968, 0.3061 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 61.6554, 0.2968, 0.3061 by changing the saturation by 10% instead.

■ 61.6554, 0.2968,
0.3061

■ 61.6554, 0.2968,
0.3061

430.6730, 0.3044,
0.3169

■ 44.7543, 0.2950,
0.3036

107.2273, 0.2995,
0.3099

■ 31.2640, 0.2928,
0.3004

136.6670, 0.3005,
0.3114

■ 20.7999, 0.2899,
0.2964

171.0549, 0.3014,
0.3126

■ 12.9778, 0.2860,
0.2910

210.7755, 0.3022,
0.3137

■ 7.4133, 0.2806,
0.2835

256.2133, 0.3028,
0.3147

■ 3.7219, 0.2724,
0.2725

307.7525, 0.3034,

■ 1.5192, 0.2589,

0.3155

0.2544

365.7776, 0.3039,
0.3163

0.3022, 0.2090,
0.1772

0.0000, 0.0000,
0.0000

61.6554, 0.2968,
0.3061

61.6554, 0.2968,
0.3061

49.9557, 0.2795,
0.2807

74.9901, 0.3124,
0.3285

39.8204, 0.2607,
0.2525

90.0115, 0.3263,
0.3482

31.1852, 0.2408,
0.2220

98.2164, 0.3304,
0.3582

23.9783, 0.2205,
0.1900

■ 18.1220, 0.2008,
0.1580

■ 13.5311, 0.1831,
0.1280

■ 10.1103, 0.1686,
0.1020

■ 7.7506, 0.1584,
0.0819

■ 6.3250, 0.1524,
0.0687

Harmonies

Analogous

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



61.6554, 0.2887, 0.3095



61.6554, 0.2968, 0.3061



61.6554, 0.3093, 0.3086

Triad

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



61.6554, 0.2968, 0.3061



61.6554, 0.3393, 0.3389



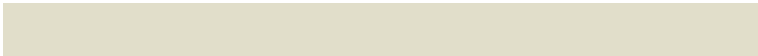
61.6554, 0.3023, 0.3423

Complementary

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



61.6554, 0.2968, 0.3061



72.5259, 0.3282, 0.3509

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.



61.6554, 0.3157, 0.3505



61.6554, 0.2968, 0.3061



61.6554, 0.3372, 0.3482

Square

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



61.6554, 0.2968, 0.3061



61.6554, 0.3340, 0.3272



61.6554, 0.3285, 0.3527



61.6554, 0.2918, 0.3303

Rectangle

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



61.6554, 0.2968, 0.3061



61.6554, 0.3185, 0.3133



61.6554, 0.3285, 0.3527



61.6554, 0.3066, 0.3456

Sweetspot

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



61.6580, 0.2968, 0.3061



94.4037, 0.3082, 0.3225



71.6813, 0.2989, 0.3324



19.8935, 0.3070, 0.3208



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.



61.6580, 0.2968, 0.3061



78.8227, 0.2937, 0.3016



61.4524, 0.3030, 0.3031



13.5286, 0.2981, 0.3079



3.7389, 0.1529, 0.0703



0.3536, 0.1589, 0.0919

Inverse Universe

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



62.6647, 0.3285, 0.3257



80.4087, 0.3318, 0.3251



72.8035, 0.3218, 0.3546



13.7293, 0.3272, 0.3260



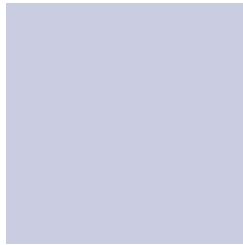
9.2855, 0.6228, 0.3205



0.6532, 0.5881, 0.3014

Previews

White Background



This preview shows how the Yxy color 61.6554, 0.2968, 0.3061 looks on a white background.

Color Contrast Check

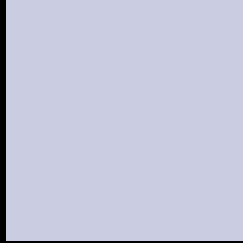
Large Text (above 18pt) WCAG AA × Fail

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 61.6554, 0.2968, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

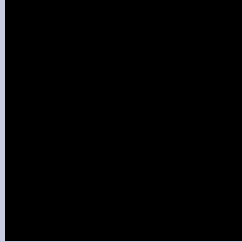
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

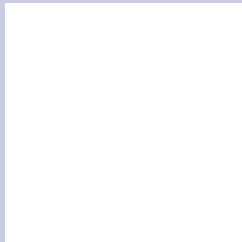
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6554, 0.2968, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 61.6554, 0.2968, 0.3061.

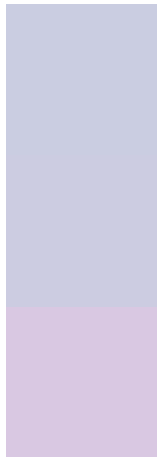


This preview shows how white text looks on a background with the Yxy color 61.6554, 0.2968, 0.3061.

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

61.6554, 0.2968, 0.3061

Protanopia

61.4593, 0.2982, 0.3050

Deuteranopia

61.5513, 0.3072, 0.3002



Tritanopia

61.8340, 0.2981, 0.3106

Trichromacy



Original Color

61.6554, 0.2968, 0.3061

Protanomaly

61.3185, 0.2975, 0.3050

Deuteranomaly

61.7291, 0.3034, 0.3021

Tritanomaly

61.8878, 0.2974, 0.3095

Monochromacy



Original Color

61.6554, 0.2968, 0.3061

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.9258, 0.3071, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6554, 0.2968, 0.3061 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(202, 205, 225)` looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 225)  
}
```

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(202, 205, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 225) }
```

Border

The CSS property to change the border of an element to Yxy 61.6554, 0.2968, 0.3061 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(202, 205, 225) }
```

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

```
.border{ border-color:rgb(202, 205, 225) }
```

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

Here you see how a box with a 4 pixel rgb(202, 205, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 225);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6554, 0.2968, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 225) }
```

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

```
.background{ background-color: rgb(202,  
205, 225) }
```

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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