

Converting Colors

Yxy(61.1466, 0.2890, 0.3012)

Have a look what the booklet for
Yxy(61.1466, 0.2890, 0.3012)
contains.

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Color

Yxy(60.9219, 0.2892, 0.3013)

Conversions

Conversions Part 1

Format	Color
Hex	C3CDE5
RGB	195, 205, 229
RGB Percent	76%, 80%, 90%
CMY	0.2354, 0.1960, 0.1020
CMYK	0.15, 0.10, 0.00, 0.10
HSL	222°, 40%, 83%
HSV	222°, 15%, 90%
XYZ	58.4753, 60.9219, 82.7996
YIQ	204.7460, -13.6640, 5.3440

Conversions

Conversions Part 2

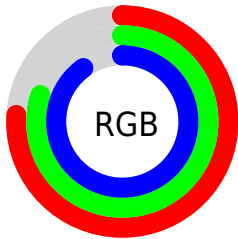
Format	Color
R _Y B	195, 203, 229
Decimal	12832229
CIE Lab	82.34, 1.39, -13.01
CIE LCh	82, 13.080, 276.093
Yxy	60.9219, 0.2892, 0.3013
Android (android.graphics.Color)	4291022309 (0xFFC3CDE5)
YUV	204.7460, 11.9572, -8.5472
Hunter-Lab	78.0525, -2.8633, -8.2593

Details

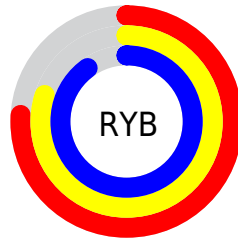
The Yxy color **60.9219, 0.2892, 0.3013** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2412, 0.3365, 0.3553**, and the grayscale version is **60.8094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **30.8519, 0.2828, 0.2939** is the 20% darker color. If you saturate the color by 10%, you get **50.7732, 0.2719, 0.2798**, and if you desaturate by 10%, it is **72.3407, 0.3053, 0.3205**.

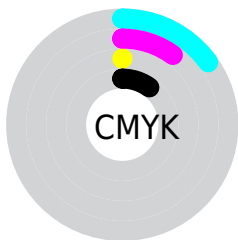
Distribution



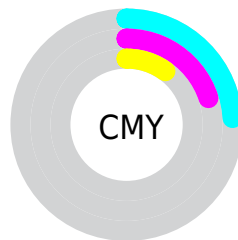
- Red (76%)
- Green (80%)
- Blue (90%)



- Red (76%)
- Yellow (80%)
- Blue (90%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9219, 0.2892, 0.3013 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 60.9219, 0.2892, 0.3013 by changing the saturation by 10% instead.

■ 60.9219, 0.2892,
0.3013

■ 60.9219, 0.2892,
0.3013

427.9876, 0.3004,
0.3144

■ 44.1621, 0.2866,
0.2982

■ 106.1658, 0.2931,
0.3059

■ 30.7980, 0.2833,
0.2944

135.4188, 0.2947,
0.3077

■ 20.4451, 0.2790,
0.2895

169.6050, 0.2960,
0.3092

■ 12.7190, 0.2734,
0.2829

209.1088, 0.2971,
0.3105

■ 7.2353, 0.2655,
0.2738

254.3145, 0.2981,
0.3117

■ 3.6097, 0.2537,
0.2604

305.6066, 0.2989,

■ 1.4577, 0.2345,

0.3127

0.2385

363.3695, 0.2997,
0.3136

0.2587, 0.1601,
0.1480

0.0000, 0.0000,
0.0000

60.9219, 0.2892,
0.3013

60.9219, 0.2892,
0.3013

50.7732, 0.2719,
0.2798

72.3407, 0.3053,
0.3205

41.8418, 0.2539,
0.2562

85.0650, 0.3202,
0.3375

34.0820, 0.2354,
0.2307

97.4541, 0.3281,
0.3528

27.4424, 0.2172,
0.2040

98.4367, 0.3280,
0.3542

■ 21.8672, 0.2000,
0.1769

■ 17.2954, 0.1849,
0.1506

■ 13.6590, 0.1725,
0.1264

■ 10.8788, 0.1636,
0.1055

■ 9.7327, 0.1601,
0.0963

Harmonies

Analogous

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



60.9219, 0.2815, 0.3076



60.9219, 0.2892, 0.3013



60.9219, 0.3032, 0.3022

Triad

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



60.9219, 0.2892, 0.3013



60.9219, 0.3445, 0.3367



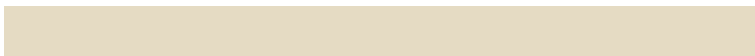
60.9219, 0.3048, 0.3494

Complementary

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



60.9219, 0.2892, 0.3013



71.2412, 0.3365, 0.3553

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.



60.9219, 0.3216, 0.3575



60.9219, 0.2892, 0.3013



60.9219, 0.3448, 0.3495

Square

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



60.9219, 0.2892, 0.3013



60.9219, 0.3354, 0.3223



60.9219, 0.3364, 0.3574



60.9219, 0.2903, 0.3354

Rectangle

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



60.9219, 0.2892, 0.3013



60.9219, 0.3144, 0.3067



60.9219, 0.3364, 0.3574



60.9219, 0.3103, 0.3529

Sweetspot

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



60.9244, 0.2892, 0.3013



93.6129, 0.3066, 0.3220



72.7379, 0.2963, 0.3405



19.7864, 0.3054, 0.3206



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.



60.9244, 0.2892, 0.3013



73.3694, 0.2837, 0.2946



57.2062, 0.2938, 0.2900



14.5762, 0.2981, 0.3119



5.7470, 0.1608, 0.0989



0.5817, 0.1688, 0.1277

Inverse Universe

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



60.0879, 0.3325, 0.3180



72.2180, 0.3378, 0.3154



75.5338, 0.3300, 0.3663



14.4376, 0.3246, 0.3221



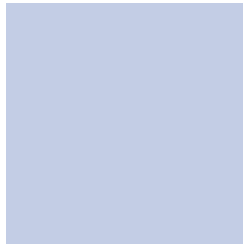
9.7779, 0.5775, 0.2955



0.7384, 0.5358, 0.2725

Previews

White Background



This preview shows how the Yxy color 60.9219, 0.2892, 0.3013 looks on a white background.

Color Contrast Check

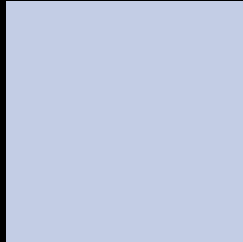
Large Text (above 18pt) WCAG AA × Fail

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 60.9219, 0.2892, 0.3013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

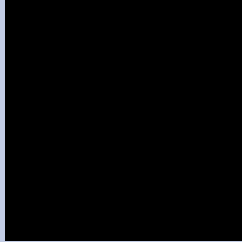
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

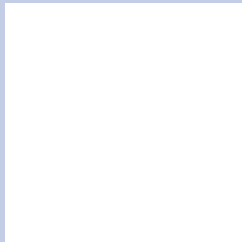
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9219, 0.2892, 0.3013

Background



This preview shows how black text looks on a background with the Yxy color 60.9219, 0.2892, 0.3013.

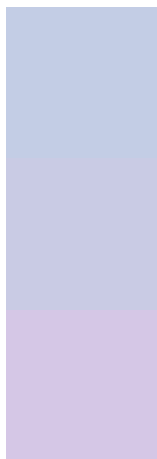


This preview shows how white text looks on a background with the Yxy color 60.9219, 0.2892, 0.3013.

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

60.9219, 0.2892, 0.3013

Protanopia

60.7308, 0.2941, 0.3004

Deuteranopia

60.7062, 0.3015, 0.2945



Tritanopia

60.8859, 0.2931, 0.3103

Trichromacy



Original Color

60.9219, 0.2892, 0.3013

Protanomaly

60.9293, 0.2926, 0.3014

Deuteranomaly

60.6083, 0.2963, 0.2962

Tritanomaly

61.0482, 0.2911, 0.3069

Monochromacy



Original Color

60.9219, 0.2892, 0.3013

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9352, 0.3035, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9219, 0.2892, 0.3013 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(195, 205, 229)` looks like.

```
.text, #text, p{  
    color:rgb(195, 205, 229)  
}
```

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(195, 205, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 205, 229) }
```

Border

The CSS property to change the border of an element to Yxy 60.9219, 0.2892, 0.3013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

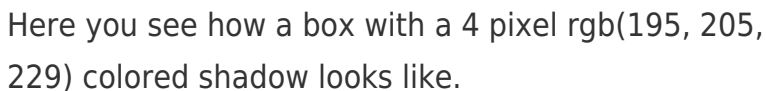
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 205, 229) }
```

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

```
.border{ border-color:rgb(195, 205, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 205, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 205, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 205, 229); box-shadow:4px 4px 4px 4px rgb(195, 205, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9219, 0.2892, 0.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 205, 229) }
```

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

```
.background{ background-color: rgb(195,  
205, 229) }
```

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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