

Converting Colors

$Yxy(60.2601, 0.2988, 0.3066)$

Have a look what the booklet for
Yxy(60.2601, 0.2988, 0.3066)
contains.

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Color

Yxy(60.0715, 0.2988, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	CACADE
RGB	202, 202, 222
RGB Percent	79%, 79%, 87%
CMY	0.2076, 0.2079, 0.1293
CMYK	0.09, 0.09, 0.00, 0.13
HSL	240°, 23%, 83%
HSV	240°, 9%, 87%
XYZ	58.6772, 60.0715, 77.6275
YIQ	204.2800, -6.4200, 6.2200

Conversions

Conversions Part 2

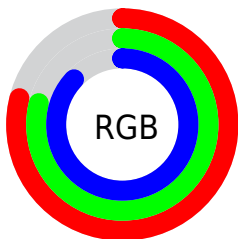
Format	Color
R _{YB}	202, 202, 222
Decimal	13290206
CIE Lab	81.88, 3.86, -9.92
CIE LCh	82, 10.640, 291.265
Yxy	60.0715, 0.2988, 0.3059
Android (android.graphics.Color)	4291480286 (0xFFCACADE)
YUV	204.2800, 8.7360, -1.9996
Hunter-Lab	77.5058, -0.4984, -5.1291

Details

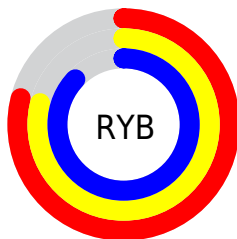
The Yxy color $60.0715, 0.2988, 0.3059$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.0419, 0.3260, 0.3511$, and the grayscale version is $60.5237, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.2657, 0.2952, 0.3000$ is the 20% darker color. If you saturate the color by 10%, you get $47.5263, 0.2814, 0.2770$, and if you desaturate by 10%, it is $74.5628, 0.3141, 0.3313$.

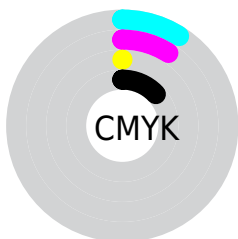
Distribution



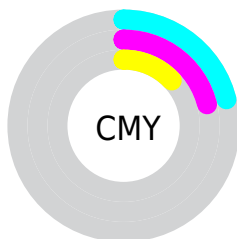
- Red (79%)
- Green (79%)
- Blue (87%)



- Red (79%)
- Yellow (79%)
- Blue (87%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0715, 0.2988, 0.3059 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 60.0715, 0.2988, 0.3059 by changing the saturation by 10% instead.

■ 60.0715, 0.2988,
0.3059

■ 60.0715, 0.2988,
0.3059

424.8613, 0.3055,
0.3169

■ 43.4763, 0.2972,
0.3033

104.9334, 0.3012,
0.3098

■ 30.2590, 0.2952,
0.3001

133.9688, 0.3021,
0.3112

■ 20.0352, 0.2926,
0.2960

167.9198, 0.3029,
0.3125

■ 12.4207, 0.2892,
0.2905

207.1707, 0.3035,
0.3136

■ 7.0309, 0.2842,
0.2829

252.1059, 0.3041,
0.3146

■ 3.4814, 0.2768,
0.2715

303.1098, 0.3046,

■ 1.3879, 0.2641,

0.3154

0.2528

360.5668, 0.3051,
0.3162

0.2078, 0.2056,
0.1464

0.0000, 0.0000,
0.0000

60.0715, 0.2988,
0.3059

60.0715, 0.2988,
0.3059

47.5263, 0.2814,
0.2770

74.5628, 0.3141,
0.3313

36.8373, 0.2620,
0.2449

91.0701, 0.3274,
0.3534

27.9186, 0.2411,
0.2103

98.0554, 0.3321,
0.3611

20.6747, 0.2196,
0.1746

■ 15.0011, 0.1986,
0.1399

■ 10.7816, 0.1799,
0.1091

■ 7.8840, 0.1651,
0.0847

■ 6.1520, 0.1553,
0.0686

■ 5.3417, 0.1505,
0.0607

Harmonies

Analogous

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



60.0715, 0.2896, 0.3082



60.0715, 0.2988, 0.3059



60.0715, 0.3119, 0.3095

Triad

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



60.0715, 0.2988, 0.3059



60.0715, 0.3397, 0.3410



60.0715, 0.2998, 0.3403

Complementary

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



60.0715, 0.2988, 0.3059



72.0419, 0.3260, 0.3511

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.



60.0715, 0.3131, 0.3496



60.0715, 0.2988, 0.3059



60.0715, 0.3363, 0.3498

Square

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



60.0715, 0.2988, 0.3059



60.0715, 0.3358, 0.3295



60.0715, 0.3264, 0.3530



60.0715, 0.2901, 0.3278

Rectangle

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



60.0715, 0.2988, 0.3059



60.0715, 0.3212, 0.3148



60.0715, 0.3264, 0.3530



60.0715, 0.3040, 0.3439

Sweetspot

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



60.0740, 0.2988, 0.3059



93.7991, 0.3082, 0.3216



70.0865, 0.2988, 0.3290



19.7312, 0.3070, 0.3195



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.



60.0740, 0.2988, 0.3059



78.4713, 0.2954, 0.3002



61.5067, 0.3062, 0.3064



13.2459, 0.2981, 0.3048



3.1370, 0.1501, 0.0601



0.2184, 0.1505, 0.0603

Inverse Universe

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



63.0385, 0.3138, 0.3070



83.3838, 0.3141, 0.3019



70.5182, 0.3188, 0.3516



13.9347, 0.3139, 0.3060



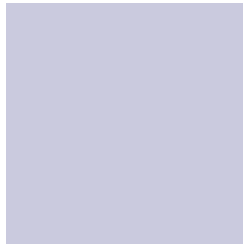
12.3299, 0.3219, 0.1547



0.8549, 0.3217, 0.1546

Previews

White Background



This preview shows how the Yxy color 60.0715, 0.2988, 0.3059 looks on a white background.

Color Contrast Check

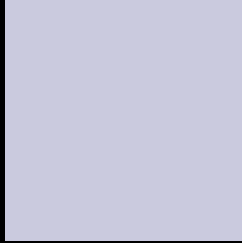
Large Text (above 18pt) WCAG AA × Fail

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 60.0715, 0.2988, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

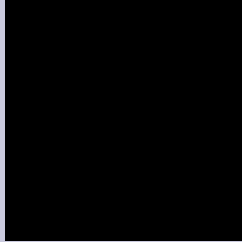
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

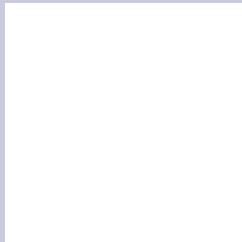
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0715, 0.2988, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 60.0715, 0.2988, 0.3059.

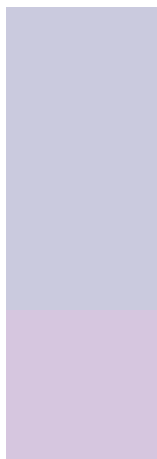


This preview shows how white text looks on a background with the Yxy color 60.0715, 0.2988, 0.3059.

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

60.0715, 0.2988, 0.3059

Protanopia

60.0715, 0.2988, 0.3059

Deuteranopia

60.0120, 0.3071, 0.3009



Tritanopia

60.2439, 0.3001, 0.3105

Trichromacy



Original Color

60.0715, 0.2988, 0.3059

Protanomaly

60.0715, 0.2988, 0.3059

Deuteranomaly

59.8762, 0.3041, 0.3018

Tritanomaly

60.2967, 0.2994, 0.3093

Monochromacy



Original Color

60.0715, 0.2988, 0.3059

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.1115, 0.3071, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0715, 0.2988, 0.3059 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, 202, 222)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 222)  
}
```

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, 202, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 222) }
```

Border

The CSS property to change the border of an element to Yxy 60.0715, 0.2988, 0.3059 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, 202, 222) }
```

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

```
.border{ border-color:rgb(202, 202, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 202, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 202, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 202, 222);  
box-shadow:4px 4px 4px 4px rgb(202, 202,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0715, 0.2988, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 222) }
```

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

```
.background{ background-color: rgb(202,  
202, 222) }
```

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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