

Converting Colors

$Yxy(60.2982, 0.3008, 0.3079)$

Have a look what the booklet for
Yxy(60.2982, 0.3008, 0.3079)
contains.

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Color

Yxy(60.1580, 0.3002, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	CBCADD
RGB	203, 202, 221
RGB Percent	80%, 79%, 87%
CMY	0.2038, 0.2079, 0.1333
CMYK	0.08, 0.09, 0.00, 0.13
HSL	243°, 22%, 83%
HSV	243°, 9%, 87%
XYZ	58.8064, 60.1580, 76.9262
YIQ	204.4650, -5.5030, 6.1210

Conversions

Conversions Part 2

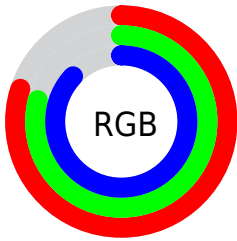
Format	Color
R _Y B	203, 202, 221
Decimal	13355741
CIE Lab	81.92, 3.97, -9.29
CIE LCh	82, 10.106, 293.121
Yxy	60.1580, 0.3002, 0.3071
Android (android.graphics.Color)	4291545821 (0xFFCBCADD)
YUV	204.4650, 8.1518, -1.2848
Hunter-Lab	77.5616, -0.3960, -4.5112

Details

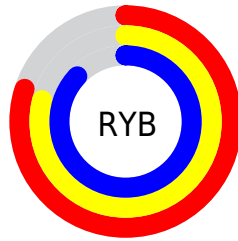
The Yxy color $60.1580, 0.3002, 0.3071$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71.1961, 0.3247, 0.3501$, and the grayscale version is $60.6469, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.3225, 0.2971, 0.3016$ is the 20% darker color. If you saturate the color by 10%, you get $47.7812, 0.2838, 0.2786$, and if you desaturate by 10%, it is $74.4209, 0.3146, 0.3323$.

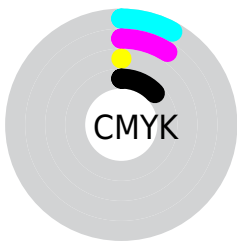
Distribution



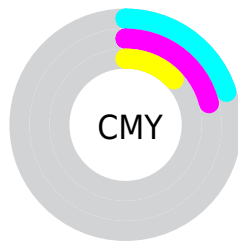
- Red (80%)
- Green (79%)
- Blue (87%)



- Red (80%)
- Yellow (79%)
- Blue (87%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1580, 0.3002, 0.3071 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 60.1580, 0.3002, 0.3071 by changing the saturation by 10% instead.

■ 60.1580, 0.3002,
0.3071

■ 60.1580, 0.3002,
0.3071

425.1799, 0.3062,
0.3175

■ 43.5460, 0.2988,
0.3047

105.0588, 0.3023,
0.3108

■ 30.3137, 0.2970,
0.3016

134.1165, 0.3031,
0.3122

■ 20.0769, 0.2946,
0.2977

168.0914, 0.3038,
0.3134

■ 12.4509, 0.2915,
0.2925

207.3681, 0.3044,
0.3144

■ 7.0516, 0.2871,
0.2853

252.3309, 0.3050,
0.3153

■ 3.4944, 0.2803,
0.2744

303.3642, 0.3054,

■ 1.3950, 0.2689,

0.3161

0.2566

360.8524, 0.3058,
0.3168

0.2130, 0.2147,
0.1528

0.0000, 0.0000,
0.0000

60.1580, 0.3002,
0.3071

60.1580, 0.3002,
0.3071

47.7812, 0.2838,
0.2786

74.4209, 0.3146,
0.3323

37.2043, 0.2654,
0.2469

90.6361, 0.3271,
0.3543

28.3458, 0.2454,
0.2128

98.0011, 0.3327,
0.3621

21.1148, 0.2245,
0.1776

■ 15.4123, 0.2038,
0.1433

■ 11.1284, 0.1849,
0.1124

■ 8.1383, 0.1693,
0.0875

■ 6.2958, 0.1582,
0.0705

■ 5.3887, 0.1519,
0.0616

Harmonies

Analogous

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



60.1580, 0.2911, 0.3089



60.1580, 0.3002, 0.3071



60.1580, 0.3128, 0.3109

Triad

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



60.1580, 0.3002, 0.3071



60.1580, 0.3384, 0.3411



60.1580, 0.2998, 0.3390

Complementary

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



60.1580, 0.3002, 0.3071



71.1961, 0.3247, 0.3501

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.



60.1580, 0.3122, 0.3481



60.1580, 0.3002, 0.3071



60.1580, 0.3347, 0.3491

Square

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



60.1580, 0.3002, 0.3071



60.1580, 0.3350, 0.3302



60.1580, 0.3250, 0.3518



60.1580, 0.2909, 0.3272

Rectangle

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



60.1580, 0.3002, 0.3071



60.1580, 0.3215, 0.3161



60.1580, 0.3250, 0.3518



60.1580, 0.3037, 0.3425

Sweetspot

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



60.1605, 0.3002, 0.3071



93.8692, 0.3085, 0.3216



68.9956, 0.2995, 0.3279



19.7500, 0.3073, 0.3196



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.



60.1605, 0.3002, 0.3071



80.5049, 0.2979, 0.3031



61.5251, 0.3072, 0.3076



12.6507, 0.2989, 0.3049



3.0933, 0.1518, 0.0610



0.2125, 0.1572, 0.0640

Inverse Universe

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



62.7796, 0.3144, 0.3091



84.7071, 0.3147, 0.3057



69.7663, 0.3178, 0.3505



13.2620, 0.3146, 0.3072



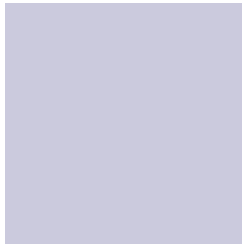
11.6104, 0.3349, 0.1619



0.7560, 0.3324, 0.1605

Previews

White Background



This preview shows how the Yxy color 60.1580, 0.3002, 0.3071 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 60.1580, 0.3002, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

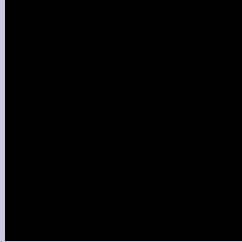
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

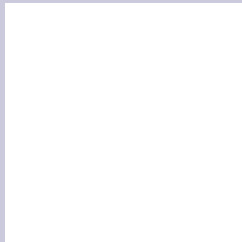
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1580, 0.3002, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 60.1580, 0.3002, 0.3071.

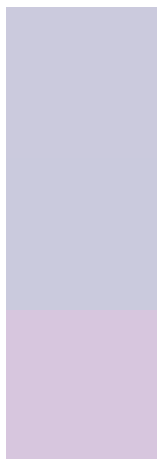


This preview shows how white text looks on a background with the Yxy color 60.1580, 0.3002, 0.3071.

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

60.1580, 0.3002, 0.3071

Protanopia

60.0181, 0.2995, 0.3071

Deuteranopia

60.1092, 0.3086, 0.3021



Tritanopia

59.9995, 0.3022, 0.3105

Trichromacy



Original Color

60.1580, 0.3002, 0.3071

Protanomaly

60.0181, 0.2995, 0.3071

Deuteranomaly

59.9697, 0.3055, 0.3030

Tritanomaly

60.0520, 0.3016, 0.3094

Monochromacy



Original Color

60.1580, 0.3002, 0.3071

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2024, 0.3085, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1580, 0.3002, 0.3071 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(203, 202, 221)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 221)  
}
```

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(203, 202, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 221) }
```

Border

The CSS property to change the border of an element to Yxy 60.1580, 0.3002, 0.3071 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(203, 202, 221) }
```

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

```
.border{ border-color:rgb(203, 202, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 221);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1580, 0.3002, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 221) }
```

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

```
.background{ background-color: rgb(203,  
202, 221) }
```

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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