

Converting Colors

$Y_{xy}(60.7208, 0.3176, 0.3090)$

Have a look what the booklet for
Yxy(60.7208, 0.3176, 0.3090)
contains.

Yxy(60.7182, 0.3176, 0.3090)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7182, 0.3176, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	DDC6D8
RGB	221, 198, 216
RGB Percent	87%, 78%, 85%
CMY	0.1333, 0.2235, 0.1531
CMYK	0.00, 0.10, 0.02, 0.13
HSL	313°, 25%, 82%
HSV	313°, 10%, 87%
XYZ	62.4081, 60.7182, 73.3727
YIQ	206.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

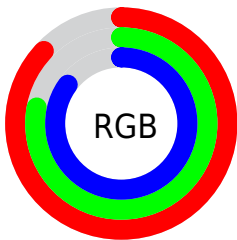
Format	Color
R _{YB}	221, 198, 216
Decimal	14534360
CIE Lab	82.23, 11.19, -5.99
CIE LCh	82, 12.689, 331.853
Yxy	60.7182, 0.3176, 0.3090
Android (android.graphics.Color)	4292724440 (0xFFDDC6D8)
YUV	206.9290, 4.4720, 12.3403
Hunter-Lab	77.9219, 6.5984, -1.2833

Details

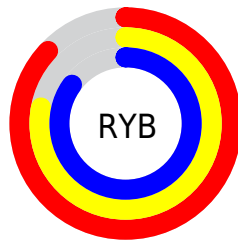
The Yxy color $60.7182, 0.3176, 0.3090$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $68.0439, 0.3082, 0.3499$, and the grayscale version is $62.3174, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.6267, 0.3191, 0.3042$ is the 20% darker color. If you saturate the color by 10%, you get $51.0959, 0.3231, 0.2891$, and if you desaturate by 10%, it is $71.8275, 0.3129, 0.3282$.

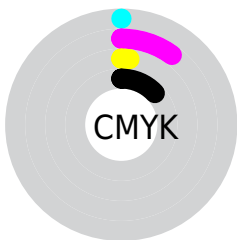
Distribution



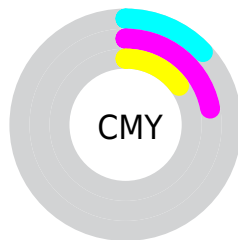
- Red (87%)
- Green (78%)
- Blue (85%)



- Red (87%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (13%)




- Cyan (13%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7182, 0.3176, 0.3090 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 60.7182, 0.3176, 0.3090 by changing the saturation by 10% instead.


 60.7182, 0.3176,
0.3090

 60.7182, 0.3176,
0.3090


427.2400, 0.3153,
0.3184

 43.9978, 0.3181,
0.3068


105.8708, 0.3168,
0.3123

 30.6688, 0.3188,
0.3041


135.0718, 0.3165,
0.3136

 20.3468, 0.3196,
0.3006


169.2017, 0.3162,
0.3147

 12.6474, 0.3206,
0.2960

208.6451, 0.3160,
0.3156

 7.1862, 0.3221,
0.2895

253.7862, 0.3158,
0.3164

 3.5788, 0.3242,
0.2800

305.0094, 0.3156,

 1.4409, 0.3274,

0.3172

0.2646

362.6992, 0.3155,
0.3178

0.2465, 0.3522,
0.1711

0.0000, 0.0000,
0.0000

60.7182, 0.3176,
0.3090

60.7182, 0.3176,
0.3090

51.0959, 0.3231,
0.2891

71.8275, 0.3129,
0.3282

42.8891, 0.3293,
0.2689

84.4756, 0.3089,
0.3464

36.0321, 0.3364,
0.2493

92.6378, 0.3057,
0.3543

30.4509, 0.3441,
0.2309

92.9151, 0.3030,
0.3492

■ 26.0645, 0.3525,
0.2149

■ 93.2000, 0.3003,
0.3441

■ 22.7825, 0.3612,
0.2022

■ 93.4927, 0.2977,
0.3391

■ 20.5015, 0.3700,
0.1938

■ 93.7931, 0.2950,
0.3341

■ 19.0987, 0.3786,
0.1900

■ 94.1013, 0.2924,
0.3292

■ 18.3730, 0.3865,
0.1903

■ 94.1152, 0.2923,
0.3289

Harmonies

Analogous

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



60.7182, 0.3013, 0.3024



60.7182, 0.3176, 0.3090



60.7182, 0.3329, 0.3206

Triad

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



60.7182, 0.3176, 0.3090



60.7182, 0.3373, 0.3559



60.7182, 0.2835, 0.3223

Complementary

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



60.7182, 0.3176, 0.3090



68.0439, 0.3082, 0.3499

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.



60.7182, 0.2927, 0.3373



60.7182, 0.3176, 0.3090



60.7182, 0.3236, 0.3571

Square

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



60.7182, 0.3176, 0.3090



60.7182, 0.3444, 0.3474



60.7182, 0.3073, 0.3503



60.7182, 0.2820, 0.3096

Rectangle

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



60.7182, 0.3176, 0.3090



60.7182, 0.3403, 0.3298



60.7182, 0.3073, 0.3503



60.7182, 0.2858, 0.3272

Sweetspot

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



60.7208, 0.3176, 0.3090



95.1081, 0.3141, 0.3233



58.3061, 0.3002, 0.3024



20.0842, 0.3144, 0.3218



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.



60.7208, 0.3176, 0.3090



81.5814, 0.3185, 0.3057



60.1495, 0.3261, 0.3217



13.2234, 0.3171, 0.3109



10.6886, 0.3853, 0.1896



0.7048, 0.3727, 0.1827

Inverse Universe

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



60.7208, 0.3176, 0.3090



81.5814, 0.3185, 0.3057



68.6100, 0.3009, 0.3364



13.2234, 0.3171, 0.3109



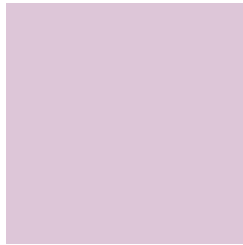
10.6886, 0.3853, 0.1896



0.7048, 0.3727, 0.1827

Previews

White Background



This preview shows how the Yxy color 60.7182, 0.3176, 0.3090 looks on a white background.

Color Contrast Check

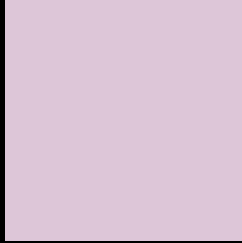
Large Text (above 18pt) WCAG AA × Fail

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 60.7182, 0.3176, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

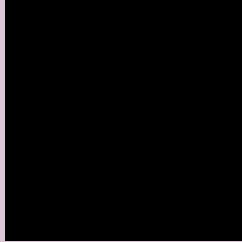
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7182, 0.3176, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 60.7182, 0.3176, 0.3090.

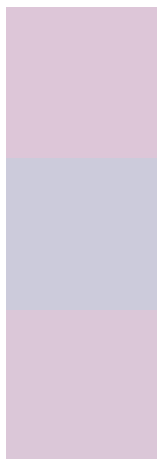


This preview shows how white text looks on a background with the Yxy color 60.7182, 0.3176, 0.3090.

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

60.7182, 0.3176, 0.3090

Protanopia

60.6637, 0.3023, 0.3106

Deuteranopia

60.8648, 0.3159, 0.3100



Tritanopia

60.6154, 0.3190, 0.3112

Trichromacy



Original Color

60.7182, 0.3176, 0.3090

Protanomaly

60.5369, 0.3075, 0.3096

Deuteranomaly

61.0204, 0.3167, 0.3100

Tritanomaly

60.6666, 0.3183, 0.3101

Monochromacy



Original Color

60.7182, 0.3176, 0.3090

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.8359, 0.3146, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7182, 0.3176, 0.3090 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(221, 198, 216)` looks like.

```
.text, #text, p{  
    color:rgb(221, 198, 216)  
}
```

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(221, 198, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 198, 216) }
```

Border

The CSS property to change the border of an element to Yxy 60.7182, 0.3176, 0.3090 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(221, 198, 216) }
```

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

```
.border{ border-color:rgb(221, 198, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 198, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 198, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 198, 216); box-shadow:4px 4px 4px 4px rgb(221, 198, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7182, 0.3176, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 198, 216) }
```

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

```
.background{ background-color: rgb(221,  
198, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor