

Converting Colors

$Yxy(60.9840, 0.3098, 0.3098)$

Have a look what the booklet for
Yxy(60.9840, 0.3098, 0.3098)
contains.

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Color

Yxy(60.9814, 0.3098, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	D5C9DA
RGB	213, 201, 218
RGB Percent	84%, 79%, 85%
CMY	0.1647, 0.2117, 0.1451
CMYK	0.02, 0.08, 0.00, 0.15
HSL	282°, 19%, 82%
HSV	282°, 8%, 85%
XYZ	60.9814, 60.9814, 74.8784
YIQ	206.5260, 1.6950, 7.8310

Conversions

Conversions Part 2

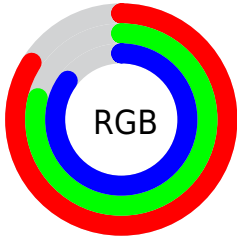
Format	Color
R _Y B	213, 201, 218
Decimal	14010842
CIE Lab	82.37, 7.24, -6.93
CIE LCh	82, 10.025, 316.244
Yxy	60.9814, 0.3098, 0.3098
Android (android.graphics.Color)	4292200922 (0xFFD5C9DA)
YUV	206.5260, 5.6567, 5.6777
Hunter-Lab	78.0906, 2.7332, -2.1877

Details

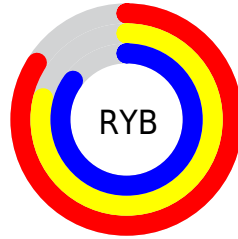
The Yxy color `60.9814, 0.3098, 0.3098` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `67.4756, 0.3154, 0.3485`, and the grayscale version is `62.0398, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `30.7809, 0.3087, 0.3051` is the 20% darker color. If you saturate the color by 10%, you get `50.5929, 0.3054, 0.2838`, and if you desaturate by 10%, it is `72.8551, 0.3135, 0.3343`.

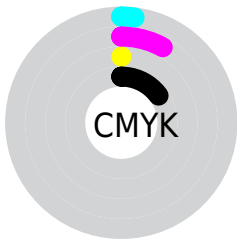
Distribution



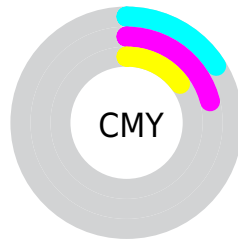
- Red (84%)
- Green (79%)
- Blue (85%)



- Red (84%)
- Yellow (79%)
- Blue (85%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9814, 0.3098, 0.3098 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 60.9814, 0.3098, 0.3098 by changing the saturation by 10% instead.

■ 60.9814, 0.3098,
0.3098

■ 60.9814, 0.3098,
0.3098

428.2058, 0.3112,
0.3189

■ 44.2102, 0.3094,
0.3077

106.2520, 0.3103,
0.3130

■ 30.8358, 0.3090,
0.3051

135.5202, 0.3105,
0.3142

■ 20.4738, 0.3084,
0.3017

169.7227, 0.3107,
0.3153

■ 12.7399, 0.3076,
0.2972

209.2441, 0.3108,
0.3162

■ 7.2497, 0.3064,
0.2910

254.4687, 0.3110,
0.3170

■ 3.6188, 0.3045,
0.2818

305.7810, 0.3111,

■ 1.4627, 0.3012,

0.3177

0.2667

363.5652, 0.3112,
0.3183

0.2622, 0.2921,
0.1798

0.0000, 0.0000,
0.0000

60.9814, 0.3098,
0.3098

60.9814, 0.3098,
0.3098

50.5929, 0.3054,
0.2838

72.8551, 0.3135,
0.3343

41.6210, 0.3002,
0.2568

86.2636, 0.3165,
0.3569

34.0032, 0.2942,
0.2295

93.7712, 0.3198,
0.3668

27.6691, 0.2875,
0.2027

94.8630, 0.3239,
0.3663

■ 22.5419, 0.2801,
0.1777

■ 95.9943, 0.3280,
0.3659

■ 18.5366, 0.2723,
0.1555

■ 97.1654, 0.3322,
0.3654

■ 15.5567, 0.2643,
0.1374

■ 97.8414, 0.3346,
0.3651

■ 13.4888, 0.2563,
0.1239

■ 12.1748, 0.2487,
0.1151

Harmonies

Analogous

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



60.9814, 0.2979, 0.3073



60.9814, 0.3098, 0.3098



60.9814, 0.3227, 0.3172

Triad

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



60.9814, 0.3098, 0.3098



60.9814, 0.3358, 0.3474



60.9814, 0.2927, 0.3299

Complementary

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



60.9814, 0.3098, 0.3098



67.4756, 0.3154, 0.3485

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.



60.9814, 0.3025, 0.3413



60.9814, 0.3098, 0.3098



60.9814, 0.3274, 0.3514

Square

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



60.9814, 0.3098, 0.3098



60.9814, 0.3379, 0.3386



60.9814, 0.3152, 0.3492



60.9814, 0.2882, 0.3186

Rectangle

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



60.9814, 0.3098, 0.3098



60.9814, 0.3301, 0.3239



60.9814, 0.3152, 0.3492



60.9814, 0.2955, 0.3339

Sweetspot

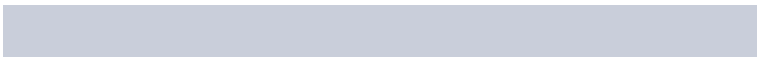
The Sweet Spot groups the original color and five complimentary colors.



60.9840, 0.3098, 0.3098



96.5062, 0.3120, 0.3241



61.6709, 0.3008, 0.3152



20.6929, 0.3120, 0.3244



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.



60.9840, 0.3098, 0.3098



84.9658, 0.3093, 0.3065



61.5652, 0.3161, 0.3138



13.0729, 0.3091, 0.3056



7.2063, 0.2481, 0.1140



0.5104, 0.2604, 0.1208

Inverse Universe

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



61.1356, 0.3223, 0.3234



85.2208, 0.3241, 0.3224



66.9349, 0.3095, 0.3447



13.1141, 0.3246, 0.3222



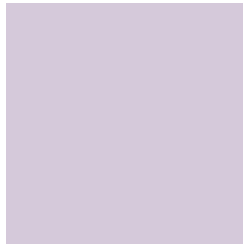
9.1681, 0.5774, 0.2954



0.6088, 0.5305, 0.2696

Previews

White Background



This preview shows how the Yxy color 60.9814, 0.3098, 0.3098 looks on a white background.

Color Contrast Check

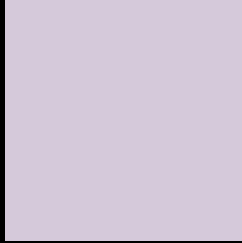
Large Text (above 18pt) WCAG AA × Fail

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 60.9814, 0.3098, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

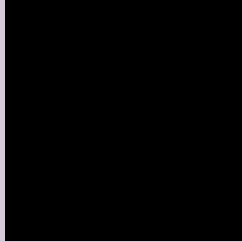
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

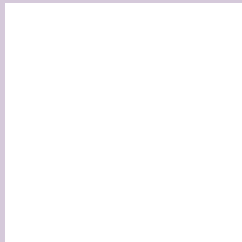
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9814, 0.3098, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 60.9814, 0.3098, 0.3098.



This preview shows how white text looks on a background with the Yxy color 60.9814, 0.3098, 0.3098.

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

60.9814, 0.3098, 0.3098

Protanopia

61.1904, 0.3016, 0.3106

Deuteranopia

60.9689, 0.3145, 0.3078



Tritanopia

60.9292, 0.3105, 0.3109

Trichromacy



Original Color

60.9814, 0.3098, 0.3098

Protanomaly

61.0917, 0.3045, 0.3107

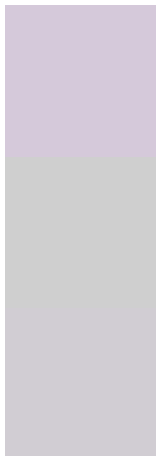
Deuteranomaly

61.1222, 0.3129, 0.3088

Tritanomaly

60.9292, 0.3105, 0.3109

Monochromacy



Original Color

60.9814, 0.3098, 0.3098

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.9211, 0.3115, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9814, 0.3098, 0.3098 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(213, 201, 218)` looks like.

```
.text, #text, p{  
    color:rgb(213, 201, 218)  
}
```

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(213, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 201, 218) }
```

Border

The CSS property to change the border of an element to Yxy 60.9814, 0.3098, 0.3098 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(213, 201, 218) }
```

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

```
.border{ border-color:rgb(213, 201, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 201, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 201, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 201, 218); box-shadow:4px 4px 4px 4px rgb(213, 201, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9814, 0.3098, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 201, 218) }
```

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

```
.background{ background-color: rgb(213,  
201, 218) }
```

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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