

Converting Colors

Yxy(60.2465, 0.3154, 0.3169)

Have a look what the booklet for
Yxy(60.2465, 0.3154, 0.3169)
contains.

Yxy(60.1578, 0.3149, 0.3165)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.1578, 0.3149, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	D5C8D3
RGB	213, 200, 211
RGB Percent	84%, 78%, 83%
CMY	0.1646, 0.2157, 0.1727
CMYK	0.00, 0.06, 0.01, 0.16
HSL	309°, 13%, 81%
HSV	309°, 6%, 84%
XYZ	59.8537, 60.1578, 70.0606
YIQ	205.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

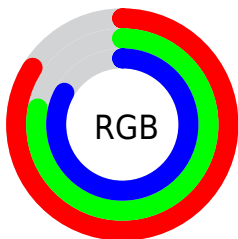
Format	Color
R _Y B	213, 200, 211
Decimal	14010579
CIE Lab	81.92, 6.48, -3.83
CIE LCh	82, 7.530, 329.431
Yxy	60.1578, 0.3149, 0.3165
Android (android.graphics.Color)	4292200659 (0xFFD5C8D3)
YUV	205.1410, 2.8885, 6.8923
Hunter-Lab	77.5615, 2.0148, 0.7369

Details

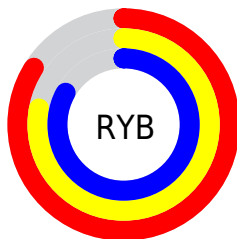
The Yxy color $60.1578, 0.3149, 0.3165$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.1470, 0.3106, 0.3418$, and the grayscale version is $61.1260, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.2612, 0.3145, 0.3124$ is the 20% darker color. If you saturate the color by 10%, you get $50.8037, 0.3189, 0.2954$, and if you desaturate by 10%, it is $70.8954, 0.3114, 0.3367$.

Distribution



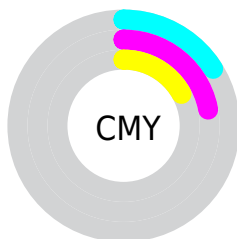
- Red (84%)
- Green (78%)
- Blue (83%)



- Red (84%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1578, 0.3149, 0.3165 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 60.1578, 0.3149, 0.3165 by changing the saturation by 10% instead.

■ 60.1578, 0.3149,
0.3165

■ 60.1578, 0.3149,
0.3165

425.1792, 0.3139,
0.3224

■ 43.5458, 0.3151,
0.3151

105.0585, 0.3145,
0.3186

■ 30.3136, 0.3154,
0.3134

134.1161, 0.3144,
0.3194

■ 20.0768, 0.3158,
0.3111

168.0910, 0.3143,
0.3201

■ 12.4509, 0.3163,
0.3081

207.3676, 0.3142,
0.3207

■ 7.0515, 0.3169,
0.3039

252.3304, 0.3141,
0.3212

■ 3.4943, 0.3179,
0.2976

303.3636, 0.3140,

■ 1.3949, 0.3195,

0.3217

0.2872

360.8517, 0.3139,
0.3221

0.2130, 0.3361,
0.1984

0.0000, 0.0000,
0.0000

60.1578, 0.3149,
0.3165

60.1578, 0.3149,
0.3165

50.8037, 0.3189,
0.2954

70.8954, 0.3114,
0.3367

42.7687, 0.3234,
0.2739

83.0619, 0.3084,
0.3558

35.9951, 0.3285,
0.2527

90.8938, 0.3061,
0.3648

30.4175, 0.3340,
0.2326

91.0753, 0.3043,
0.3612

■ 25.9652, 0.3399,
0.2145

■ 91.2603, 0.3024,
0.3575

■ 22.5594, 0.3460,
0.1994

■ 91.4491, 0.3005,
0.3539

■ 20.1116, 0.3522,
0.1882

■ 91.6415, 0.2987,
0.3503

■ 18.5185, 0.3581,
0.1814

■ 91.8375, 0.2969,
0.3467

■ 17.6511, 0.3637,
0.1791

■ 92.0373, 0.2950,
0.3432

Harmonies

Analogous

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



60.1578, 0.3052, 0.3129



60.1578, 0.3149, 0.3165



60.1578, 0.3241, 0.3234

Triad

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



60.1578, 0.3149, 0.3165



60.1578, 0.3279, 0.3448



60.1578, 0.2955, 0.3259

Complementary

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



60.1578, 0.3149, 0.3165



64.1470, 0.3106, 0.3418

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.



60.1578, 0.3014, 0.3347



60.1578, 0.3149, 0.3165



60.1578, 0.3200, 0.3457

Square

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



60.1578, 0.3149, 0.3165



60.1578, 0.3316, 0.3396



60.1578, 0.3103, 0.3420



60.1578, 0.2942, 0.3181

Rectangle

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



60.1578, 0.3149, 0.3165



60.1578, 0.3287, 0.3289



60.1578, 0.3103, 0.3420



60.1578, 0.2970, 0.3288

Sweetspot

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



60.1604, 0.3149, 0.3165



96.7372, 0.3134, 0.3249



58.6650, 0.3049, 0.3138



20.7399, 0.3134, 0.3251



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.



60.1604, 0.3149, 0.3165



88.9548, 0.3153, 0.3145



59.8456, 0.3196, 0.3238



13.0026, 0.3154, 0.3135



10.6496, 0.3651, 0.1785



0.6516, 0.3563, 0.1736

Inverse Universe

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



60.1604, 0.3149, 0.3165



88.9548, 0.3153, 0.3145



64.4569, 0.3063, 0.3343



13.0026, 0.3154, 0.3135



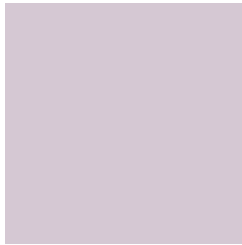
10.6496, 0.3651, 0.1785



0.6516, 0.3563, 0.1736

Previews

White Background



This preview shows how the Yxy color 60.1578, 0.3149, 0.3165 looks on a white background.

Color Contrast Check

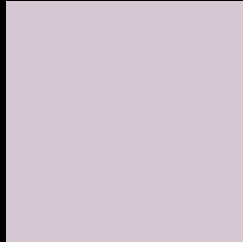
Large Text (above 18pt) WCAG AA × Fail

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 60.1578, 0.3149, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

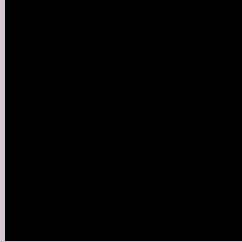
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

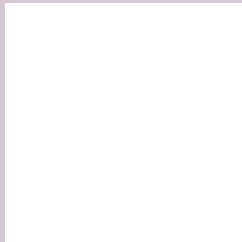
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1578, 0.3149, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 60.1578, 0.3149, 0.3165.



This preview shows how white text looks on a background with the Yxy color 60.1578, 0.3149, 0.3165.

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

60.1578, 0.3149, 0.3165

Protanopia

60.4445, 0.3079, 0.3186

Deuteranopia

60.3070, 0.3205, 0.3144



Tritanopia

60.0493, 0.3128, 0.3109

Trichromacy



Original Color

60.1578, 0.3149, 0.3165

Protanomaly

60.4044, 0.3102, 0.3175

Deuteranomaly

60.3017, 0.3180, 0.3154

Tritanomaly

59.9980, 0.3135, 0.3120

Monochromacy



Original Color

60.1578, 0.3149, 0.3165

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.6268, 0.3137, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1578, 0.3149, 0.3165 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, 200, 211)` looks like.

```
.text, #text, p{  
    color:rgb(213, 200, 211)  
}
```

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, 200, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 200, 211) }
```

Border

The CSS property to change the border of an element to Yxy 60.1578, 0.3149, 0.3165 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, 200, 211) }
```

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

```
.border{ border-color:rgb(213, 200, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 200, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 200, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 200, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 200,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1578, 0.3149, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 200, 211) }
```

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

```
.background{ background-color: rgb(213,  
200, 211) }
```

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