

Converting Colors

$Yxy(58.1394, 0.3169, 0.3075)$

Have a look what the booklet for
Yxy(58.1394, 0.3169, 0.3075)
contains.

Yxy(58.1394, 0.3169, 0.3075)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.1394, 0.3169, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	D9C2D5
RGB	217, 194, 213
RGB Percent	85%, 76%, 84%
CMY	0.1490, 0.2392, 0.1647
CMYK	0.00, 0.11, 0.02, 0.15
HSL	310°, 23%, 81%
HSV	310°, 11%, 85%
XYZ	59.9167, 58.1394, 71.0152
YIQ	203.0430, 7.6090, 10.7850

Conversions

Conversions Part 2

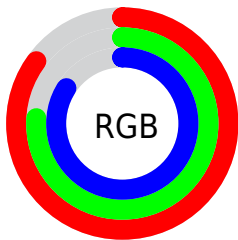
Format	Color
R _Y B	217, 194, 213
Decimal	14271189
CIE Lab	80.82, 11.41, -6.52
CIE LCh	81, 13.140, 330.251
Yxy	58.1394, 0.3169, 0.3075
Android (android.graphics.Color)	4292461269 (0xFFD9C2D5)
YUV	203.0430, 4.9088, 12.2403
Hunter-Lab	76.2492, 6.8293, -1.8457

Details

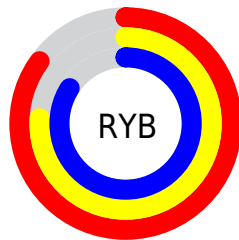
The Yxy color **58.1394, 0.3169, 0.3075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1723, 0.3088, 0.3515**, and the grayscale version is **59.7157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **28.9062, 0.3183, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **48.9881, 0.3215, 0.2865**, and if you desaturate by 10%, it is **68.7106, 0.3129, 0.3278**.

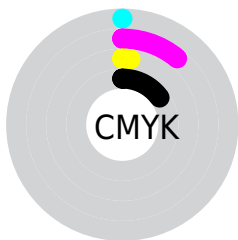
Distribution



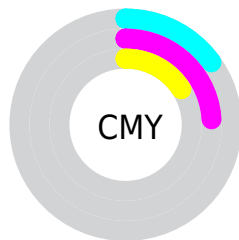
- Red (85%)
- Green (76%)
- Blue (84%)



- Red (85%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (15%)




- Cyan (15%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1394, 0.3169, 0.3075 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 58.1394, 0.3169, 0.3075 by changing the saturation by 10% instead.

 58.1394, 0.3169,
0.3075

 58.1394, 0.3169,
0.3075


417.7052, 0.3150,
0.3177

 41.9207, 0.3173,
0.3051


 102.1258, 0.3162,
0.3111

 29.0392, 0.3179,
0.3021


130.6624, 0.3160,
0.3125

 19.1105, 0.3186,
0.2983


164.0737, 0.3157,
0.3136

 11.7501, 0.3195,
0.2932

202.7441, 0.3156,
0.3147

 6.5738, 0.3207,
0.2861

247.0581, 0.3154,
0.3156

 3.1970, 0.3224,
0.2754

297.4000, 0.3152,

 1.2354, 0.3251,

0.3164

0.2579

354.1542, 0.3151,
0.3171

0.0904, 0.3611,
0.0896

0.0000, 0.0000,
0.0000

58.1394, 0.3169,
0.3075

58.1394, 0.3169,
0.3075

48.9881, 0.3215,
0.2865

68.7106, 0.3129,
0.3278

41.1881, 0.3266,
0.2654

80.7513, 0.3095,
0.3471

34.6768, 0.3323,
0.2448

91.6705, 0.3067,
0.3611

29.3833, 0.3386,
0.2257

91.8778, 0.3046,
0.3570

■ 25.2300, 0.3452,
0.2091

■ 92.0898, 0.3025,
0.3530

■ 22.1304, 0.3519,
0.1958

■ 92.3063, 0.3005,
0.3490

■ 19.9857, 0.3587,
0.1868

■ 92.5274, 0.2984,
0.3450

■ 18.6779, 0.3652,
0.1824

■ 92.7532, 0.2963,
0.3411

■ 18.0174, 0.3710,
0.1818

■ 92.9837, 0.2943,
0.3372

Harmonies

Analogous

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



58.1394, 0.2999, 0.3010



58.1394, 0.3169, 0.3075



58.1394, 0.3332, 0.3194

Triad

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



58.1394, 0.3169, 0.3075



58.1394, 0.3391, 0.3570



58.1394, 0.2824, 0.3227

Complementary

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



58.1394, 0.3169, 0.3075



65.1723, 0.3088, 0.3515

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.



58.1394, 0.2924, 0.3386



58.1394, 0.3169, 0.3075



58.1394, 0.3250, 0.3588

Square

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



58.1394, 0.3169, 0.3075



58.1394, 0.3462, 0.3477



58.1394, 0.3079, 0.3520



58.1394, 0.2803, 0.3092

Rectangle

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



58.1394, 0.3169, 0.3075



58.1394, 0.3413, 0.3290



58.1394, 0.3079, 0.3520



58.1394, 0.2849, 0.3280

Sweetspot

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



58.1419, 0.3169, 0.3075



95.1304, 0.3138, 0.3230



55.5797, 0.2991, 0.3019



20.0903, 0.3142, 0.3213



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.



58.1419, 0.3169, 0.3075



80.2773, 0.3180, 0.3023



57.5864, 0.3255, 0.3202



13.2340, 0.3164, 0.3099



10.9209, 0.3702, 0.1813



0.7180, 0.3608, 0.1761

Inverse Universe

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



58.1419, 0.3169, 0.3075



80.2773, 0.3180, 0.3023



65.7150, 0.3014, 0.3379



13.2340, 0.3164, 0.3099



10.9209, 0.3702, 0.1813



0.7180, 0.3608, 0.1761

Previews

White Background



This preview shows how the Yxy color 58.1394, 0.3169, 0.3075 looks on a white background.

Color Contrast Check

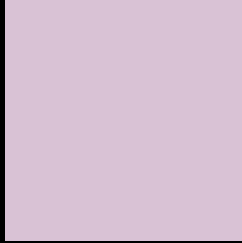
Large Text (above 18pt) WCAG AA × Fail

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 58.1394, 0.3169, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

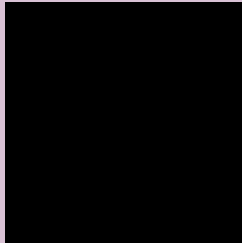
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1394, 0.3169, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 58.1394, 0.3169, 0.3075.



This preview shows how white text looks on a background with the Yxy color 58.1394, 0.3169, 0.3075.

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

58.1394, 0.3169, 0.3075

Protanopia

58.0841, 0.3014, 0.3091

Deuteranopia

58.2814, 0.3153, 0.3085



Tritanopia

58.4351, 0.3191, 0.3120

Trichromacy



Original Color

58.1394, 0.3169, 0.3075

Protanomaly

57.9606, 0.3067, 0.3082

Deuteranomaly

58.4332, 0.3160, 0.3086

Tritanomaly

58.4851, 0.3183, 0.3109

Monochromacy



Original Color

58.1394, 0.3169, 0.3075

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.2234, 0.3139, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1394, 0.3169, 0.3075 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(217, 194, 213)` looks like.

```
.text, #text, p{  
    color:rgb(217, 194, 213)  
}
```

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(217, 194, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 194, 213) }
```

Border

The CSS property to change the border of an element to Yxy 58.1394, 0.3169, 0.3075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

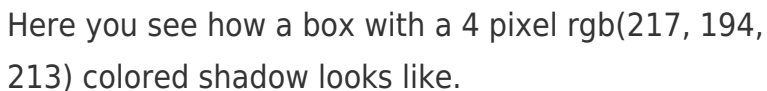
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 194, 213) }
```

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

```
.border{ border-color:rgb(217, 194, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 194, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 194, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 194, 213); box-shadow:4px 4px 4px 4px rgb(217, 194, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1394, 0.3169, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 194, 213) }
```

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

```
.background{ background-color: rgb(217,  
194, 213) }
```

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