

Converting Colors

Yxy(60.7449, 0.3143, 0.3104)

Have a look what the booklet for
Yxy(60.7449, 0.3143, 0.3104)
contains.

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Color

Yxy(60.5564, 0.3144, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	D9C7D8
RGB	217, 199, 216
RGB Percent	85%, 78%, 85%
CMY	0.1490, 0.2196, 0.1529
CMYK	0.00, 0.08, 0.00, 0.15
HSL	303°, 19%, 82%
HSV	303°, 8%, 85%
XYZ	61.4357, 60.5564, 73.4141
YIQ	206.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

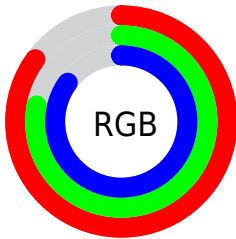
Format	Color
R _Y B	217, 199, 216
Decimal	14272472
CIE Lab	82.14, 9.30, -6.17
CIE LCh	82, 11.157, 326.430
Yxy	60.5564, 0.3144, 0.3099
Android (android.graphics.Color)	4292462552 (0xFFD9C7D8)
YUV	206.3200, 4.7722, 9.3664
Hunter-Lab	77.8180, 4.7406, -1.4621

Details

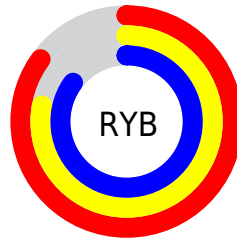
The Yxy color **60.5564, 0.3144, 0.3099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9460, 0.3111, 0.3489**, and the grayscale version is **61.9057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.5054, 0.3149, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **51.2114, 0.3166, 0.2863**, and if you desaturate by 10%, it is **71.3311, 0.3124, 0.3328**.

Distribution



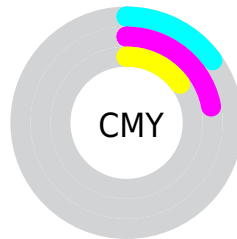
- Red (85%)
- Green (78%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5564, 0.3144, 0.3099 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 60.5564, 0.3144, 0.3099 by changing the saturation by 10% instead.

60.5564, 0.3144,
0.3099

60.5564, 0.3144,
0.3099

426.6456, 0.3137,
0.3189

43.8673, 0.3146,
0.3078

105.6364, 0.3141,
0.3131

30.5662, 0.3148,
0.3052

134.7960, 0.3141,
0.3143

20.2687, 0.3150,
0.3018

168.8813, 0.3140,
0.3153

12.5905, 0.3153,
0.2974

208.2765, 0.3139,
0.3162

7.1472, 0.3157,
0.2912

253.3662, 0.3138,
0.3170

3.5543, 0.3161,
0.2820

304.5347, 0.3138,

1.4275, 0.3167,

0.3177

0.2670

362.1663, 0.3137,
0.3184

0.2369, 0.3280,
0.1719

0.0000, 0.0000,
0.0000

60.5564, 0.3144,
0.3099

60.5564, 0.3144,
0.3099

51.2114, 0.3166,
0.2863

71.3311, 0.3124,
0.3328

43.2284, 0.3190,
0.2626

83.5841, 0.3106,
0.3546

36.5456, 0.3215,
0.2395

91.4236, 0.3093,
0.3661

31.0938, 0.3241,
0.2181

91.4885, 0.3087,
0.3648

■ 26.7970, 0.3267,
0.1993

■ 91.5539, 0.3080,
0.3634

■ 23.5711, 0.3292,
0.1839

■ 91.6198, 0.3073,
0.3621

■ 21.3204, 0.3315,
0.1726

■ 91.6862, 0.3066,
0.3608

■ 19.9323, 0.3336,
0.1656

■ 91.7531, 0.3059,
0.3595

■ 19.2410, 0.3354,
0.1627

■ 91.8204, 0.3052,
0.3582

Harmonies

Analogous

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



60.5564, 0.3003, 0.3051



60.5564, 0.3144, 0.3099



60.5564, 0.3283, 0.3195

Triad

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



60.5564, 0.3144, 0.3099



60.5564, 0.3360, 0.3518



60.5564, 0.2880, 0.3255

Complementary

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



60.5564, 0.3144, 0.3099



65.9460, 0.3111, 0.3489

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.



60.5564, 0.2971, 0.3387



60.5564, 0.3144, 0.3099



60.5564, 0.3248, 0.3540

Square

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



60.5564, 0.3144, 0.3099



60.5564, 0.3409, 0.3434



60.5564, 0.3106, 0.3493



60.5564, 0.2853, 0.3137

Rectangle

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



60.5564, 0.3144, 0.3099



60.5564, 0.3355, 0.3275



60.5564, 0.3106, 0.3493



60.5564, 0.2904, 0.3299

Sweetspot

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



60.5590, 0.3144, 0.3099



96.7706, 0.3131, 0.3244



58.1238, 0.3006, 0.3079



20.7467, 0.3131, 0.3246



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.



60.5590, 0.3144, 0.3099



84.7035, 0.3148, 0.3057



60.1115, 0.3209, 0.3198



13.2615, 0.3146, 0.3072



11.5967, 0.3355, 0.1622



0.7552, 0.3329, 0.1607

Inverse Universe

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



60.5590, 0.3144, 0.3099



84.7035, 0.3148, 0.3057



66.3739, 0.3052, 0.3384



13.2615, 0.3146, 0.3072



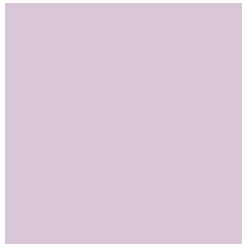
11.5967, 0.3355, 0.1622



0.7552, 0.3329, 0.1607

Previews

White Background



This preview shows how the Yxy color 60.5564, 0.3144, 0.3099 looks on a white background.

Color Contrast Check

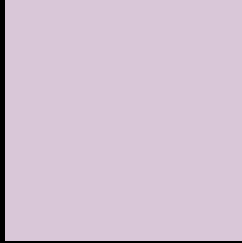
Large Text (above 18pt) WCAG AA × Fail

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 60.5564, 0.3144, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

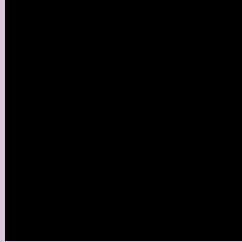
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5564, 0.3144, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 60.5564, 0.3144, 0.3099.



This preview shows how white text looks on a background with the Yxy color 60.5564, 0.3144, 0.3099.

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

60.5564, 0.3144, 0.3099

Protanopia

60.6112, 0.3030, 0.3117

Deuteranopia

60.4061, 0.3160, 0.3089



Tritanopia

60.5049, 0.3151, 0.3110

Trichromacy



Original Color

60.5564, 0.3144, 0.3099

Protanomaly

60.8061, 0.3074, 0.3119

Deuteranomaly

60.2515, 0.3152, 0.3088

Tritanomaly

60.5049, 0.3151, 0.3110

Monochromacy



Original Color

60.5564, 0.3144, 0.3099

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0667, 0.3131, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5564, 0.3144, 0.3099 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, 199, 216)` looks like.

```
.text, #text, p{  
    color:rgb(217, 199, 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(217, 199, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 199, 216) }
```

Border

The CSS property to change the border of an element to Yxy 60.5564, 0.3144, 0.3099 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, 199, 216) }
```

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

```
.border{ border-color:rgb(217, 199, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 199, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 199, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 199, 216);  
box-shadow:4px 4px 4px 4px rgb(217, 199,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5564, 0.3144, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 199, 216) }
```

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

```
.background{ background-color: rgb(217,  
199, 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](#).

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