

Converting Colors

Yxy(58.1394, 0.3091, 0.3061)

Have a look what the booklet for
Yxy(58.1394, 0.3091, 0.3061)
contains.

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Color

Yxy(58.1394, 0.3091, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	D2C4D8
RGB	210, 196, 216
RGB Percent	82%, 77%, 85%
CMY	0.1765, 0.2313, 0.1530
CMYK	0.03, 0.09, 0.00, 0.15
HSL	282°, 20%, 81%
HSV	282°, 9%, 85%
XYZ	58.7092, 58.1394, 73.0874
YIQ	202.4660, 1.9240, 9.1880

Conversions

Conversions Part 2

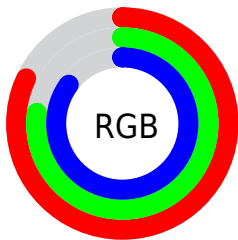
Format	Color
R _Y B	210, 196, 216
Decimal	13812952
CIE Lab	80.82, 8.51, -8.19
CIE LCh	81, 11.810, 316.090
Yxy	58.1394, 0.3091, 0.3061
Android (android.graphics.Color)	4292003032 (0xFFD2C4D8)
YUV	202.4660, 6.6723, 6.6073
Hunter-Lab	76.2492, 4.0026, -3.4570

Details

The Yxy color **58.1394, 0.3091, 0.3061** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6523, 0.3160, 0.3523**, and the grayscale version is **59.3258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **28.8878, 0.3078, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **48.1552, 0.3045, 0.2799**, and if you desaturate by 10%, it is **69.5699, 0.3130, 0.3308**.

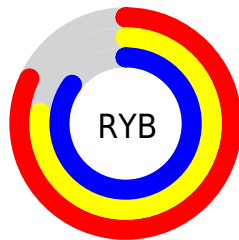
Distribution



Red (82%)

Green (77%)

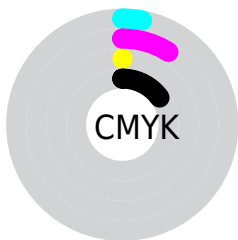
Blue (85%)



Red (82%)

Yellow (77%)

Blue (85%)

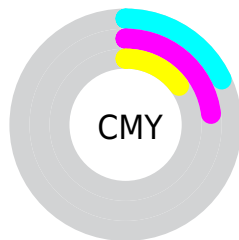


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (15%)



Cyan (18%)

Magenta (23%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1394, 0.3091, 0.3061 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, 0.3091, 0.3061 by changing the saturation by 10% instead.

■ 58.1394, 0.3091,
0.3061

■ 58.1394, 0.3091,
0.3061

■ 417.7052, 0.3109,
0.3170

■ 41.9207, 0.3086,
0.3036

■ 102.1258, 0.3098,
0.3099

■ 29.0392, 0.3081,
0.3004

■ 130.6624, 0.3100,
0.3114

■ 19.1105, 0.3073,
0.2963

■ 164.0737, 0.3102,
0.3127

■ 11.7501, 0.3062,
0.2908

■ 202.7441, 0.3104,
0.3137

■ 6.5738, 0.3047,
0.2832

■ 247.0581, 0.3106,
0.3147

■ 3.1970, 0.3022,
0.2718

■ 297.4000, 0.3107,

■ 1.2354, 0.2976,

0.3155

0.2530

354.1542, 0.3108,
0.3163

0.0904, 0.2783,
0.0857

0.0000, 0.0000,
0.0000

58.1394, 0.3091,
0.3061

58.1394, 0.3091,
0.3061

48.1552, 0.3045,
0.2799

69.5699, 0.3130,
0.3308

39.5498, 0.2990,
0.2528

82.4957, 0.3162,
0.3537

32.2612, 0.2927,
0.2254

93.2110, 0.3192,
0.3691

26.2199, 0.2857,
0.1987

94.3015, 0.3234,
0.3686

■ 21.3497, 0.2781,
0.1739

■ 95.4324, 0.3276,
0.3681

■ 17.5659, 0.2700,
0.1522

■ 96.6041, 0.3318,
0.3676

■ 14.7722, 0.2618,
0.1345

■ 97.7375, 0.3358,
0.3671

■ 12.8549, 0.2537,
0.1216

■ 11.6273, 0.2460,
0.1131

Harmonies

Analogous

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



58.1394, 0.2949, 0.3031



58.1394, 0.3091, 0.3061



58.1394, 0.3246, 0.3148

Triad

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



58.1394, 0.3091, 0.3061



58.1394, 0.3404, 0.3509



58.1394, 0.2889, 0.3301

Complementary

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



58.1394, 0.3091, 0.3061



65.6523, 0.3160, 0.3523

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, 0.3006, 0.3438



58.1394, 0.3091, 0.3061



58.1394, 0.3304, 0.3559

Square

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



58.1394, 0.3091, 0.3061



58.1394, 0.3429, 0.3403



58.1394, 0.3158, 0.3534



58.1394, 0.2835, 0.3165

Rectangle

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



58.1394, 0.3091, 0.3061



58.1394, 0.3335, 0.3228



58.1394, 0.3158, 0.3534



58.1394, 0.2922, 0.3349

Sweetspot

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



58.1419, 0.3091, 0.3061



94.7824, 0.3116, 0.3217



59.0944, 0.2984, 0.3129



19.9960, 0.3113, 0.3197



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, 0.3091, 0.3061



81.8272, 0.3083, 0.3014



58.8524, 0.3165, 0.3105



12.4367, 0.3090, 0.3057



6.8929, 0.2465, 0.1132



0.4579, 0.2598, 0.1205

Inverse Universe

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



58.3472, 0.3242, 0.3221



82.1909, 0.3268, 0.3207



64.9998, 0.3092, 0.3482



12.4816, 0.3244, 0.3220



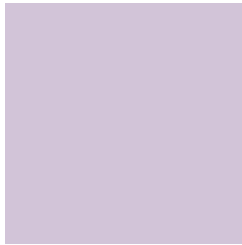
8.8831, 0.5747, 0.2939



0.5503, 0.5249, 0.2665

Previews

White Background



This preview shows how the Yxy color 58.1394, 0.3091, 0.3061 looks on a white background.

Color Contrast Check

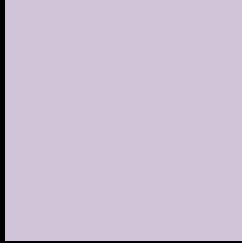
Large Text (above 18pt) WCAG AA × Fail

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, 0.3091, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

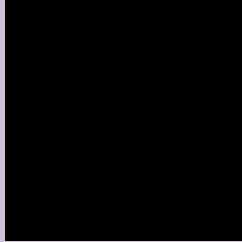
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

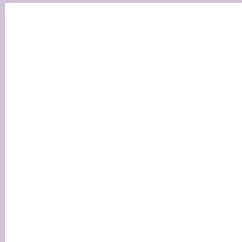
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1394, 0.3091, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 58.1394, 0.3091, 0.3061.



This preview shows how white text looks on a background with the Yxy color 58.1394, 0.3091, 0.3061.

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, 0.3091, 0.3061

Protanopia

58.0509, 0.2993, 0.3068

Deuteranopia

58.1342, 0.3115, 0.3051



Tritanopia

58.2413, 0.3112, 0.3117

Trichromacy



Original Color

58.1394, 0.3091, 0.3061

Protanomaly

58.0944, 0.3030, 0.3069

Deuteranomaly

57.9851, 0.3107, 0.3050

Tritanomaly

58.2919, 0.3105, 0.3106

Monochromacy



Original Color

58.1394, 0.3091, 0.3061

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7927, 0.3115, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1394, 0.3091, 0.3061 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(210, 196, 216)` looks like.

```
.text, #text, p{  
    color:rgb(210, 196, 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(210, 196, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 196, 216) }
```

Border

The CSS property to change the border of an element to Yxy 58.1394, 0.3091, 0.3061 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(210, 196, 216) }
```

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

```
.border{ border-color:rgb(210, 196, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 196, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 196, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 196, 216);  
box-shadow:4px 4px 4px 4px rgb(210, 196,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1394, 0.3091, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 196, 216) }
```

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

```
.background{ background-color: rgb(210,  
196, 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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