

Converting Colors

Yxy(58.9649, 0.3161, 0.3234)

Have a look what the booklet for
Yxy(58.9649, 0.3161, 0.3234)
contains.

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Color

Yxy(59.0781, 0.3161, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	D0C8CC
RGB	208, 200, 204
RGB Percent	82%, 78%, 80%
CMY	0.1842, 0.2157, 0.2002
CMYK	0.00, 0.04, 0.02, 0.18
HSL	330°, 8%, 80%
HSV	330°, 4%, 82%
XYZ	57.5665, 59.0781, 65.4703
YIQ	202.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

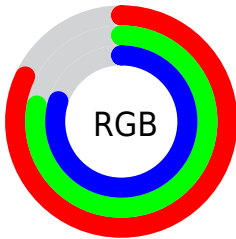
Format	Color
R _Y B	208, 200, 204
Decimal	13682892
CIE Lab	81.33, 3.49, -0.99
CIE LCh	81, 3.631, 344.191
Yxy	59.0781, 0.3161, 0.3244
Android (android.graphics.Color)	4291872972 (0xFFD0C8CC)
YUV	202.8480, 0.5679, 4.5183
Hunter-Lab	76.8623, -0.8202, 3.3011

Details

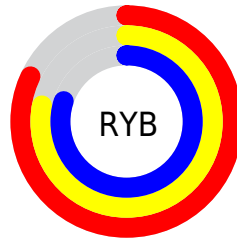
The Yxy color **59.0781, 0.3161, 0.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7657, 0.3095, 0.3336**, and the grayscale version is **59.6173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.6298, 0.3172, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **49.6029, 0.3261, 0.3120**, and if you desaturate by 10%, it is **69.9036, 0.3078, 0.3361**.

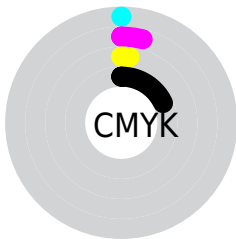
Distribution



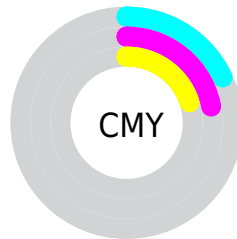
- Red (82%)
- Green (78%)
- Blue (80%)



- Red (82%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0781, 0.3161, 0.3244 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 59.0781, 0.3161, 0.3244 by changing the saturation by 10% instead.

■ 59.0781, 0.3161,
0.3244

■ 59.0781, 0.3161,
0.3244

421.1913, 0.3145,
0.3266

■ 42.6760, 0.3165,
0.3239

103.4912, 0.3155,
0.3252

■ 29.6310, 0.3170,
0.3232

132.2709, 0.3153,
0.3255

■ 19.5587, 0.3176,
0.3224

165.9453, 0.3151,
0.3257

■ 12.0746, 0.3184,
0.3212

204.8988, 0.3150,
0.3260

■ 6.7945, 0.3196,
0.3196

249.5158, 0.3148,
0.3262

■ 3.3339, 0.3215,
0.3171

300.1806, 0.3147,

■ 1.3085, 0.3246,

0.3263

0.3129

357.2776, 0.3146,
0.3265

0.1477, 0.3740,
0.2448

0.0000, 0.0000,
0.0000

59.0781, 0.3161,
0.3244

59.0781, 0.3161,
0.3244

49.6029, 0.3261,
0.3120

69.9036, 0.3078,
0.3361

41.4171, 0.3382,
0.2990

82.1219, 0.3010,
0.3469

34.4664, 0.3526,
0.2858

90.9645, 0.2952,
0.3494

28.6897, 0.3696,
0.2729

91.5937, 0.2896,
0.3382

■ 24.0208, 0.3893,
0.2612

■ 92.1533, 0.2849,
0.3289

■ 20.3865, 0.4116,
0.2517

■ 17.7049, 0.4357,
0.2457

■ 15.8818, 0.4609,
0.2444

■ 14.8026, 0.4856,
0.2485

Harmonies

Analogous

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



59.0781, 0.3114, 0.3217



59.0781, 0.3161, 0.3244



59.0781, 0.3199, 0.3283

Triad

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



59.0781, 0.3161, 0.3244



59.0781, 0.3184, 0.3371



59.0781, 0.3037, 0.3255

Complementary

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



59.0781, 0.3161, 0.3244



61.7657, 0.3095, 0.3336

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.



59.0781, 0.3056, 0.3297



59.0781, 0.3161, 0.3244



59.0781, 0.3140, 0.3364

Square

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



59.0781, 0.3161, 0.3244



59.0781, 0.3213, 0.3356



59.0781, 0.3093, 0.3337



59.0781, 0.3042, 0.3224

Rectangle

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



59.0781, 0.3161, 0.3244



59.0781, 0.3215, 0.3311



59.0781, 0.3093, 0.3337



59.0781, 0.3041, 0.3269

Sweetspot

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



59.0807, 0.3161, 0.3244



98.3009, 0.3136, 0.3278



58.7040, 0.3101, 0.3196



21.0583, 0.3135, 0.3279



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.



59.0807, 0.3161, 0.3244



91.7242, 0.3172, 0.3229



58.8931, 0.3190, 0.3290



12.7103, 0.3178, 0.3222



8.9832, 0.4972, 0.2513



0.5183, 0.4563, 0.2287

Inverse Universe

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



59.0807, 0.3161, 0.3244



91.7242, 0.3172, 0.3229



61.9581, 0.3067, 0.3290



12.7103, 0.3178, 0.3222



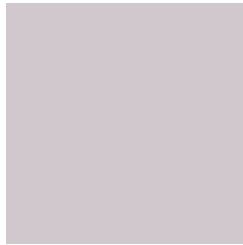
8.9832, 0.4972, 0.2513



0.5183, 0.4563, 0.2287

Previews

White Background



This preview shows how the Yxy color 59.0781, 0.3161, 0.3244 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 59.0781, 0.3161, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

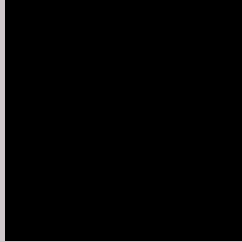
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

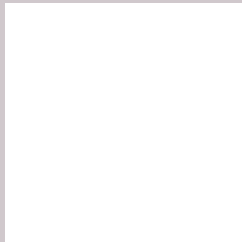
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0781, 0.3161, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 59.0781, 0.3161, 0.3244.

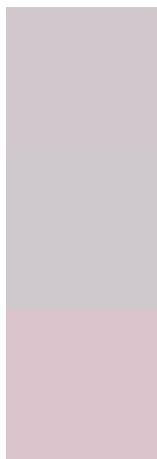


This preview shows how white text looks on a background with the Yxy color 59.0781, 0.3161, 0.3244.

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

59.0781, 0.3161, 0.3244

Protanopia

59.1602, 0.3129, 0.3243

Deuteranopia

59.1033, 0.3252, 0.3188



Tritanopia

58.9448, 0.3105, 0.3107

Trichromacy



Original Color

59.0781, 0.3161, 0.3244

Protanomaly

59.3029, 0.3137, 0.3243

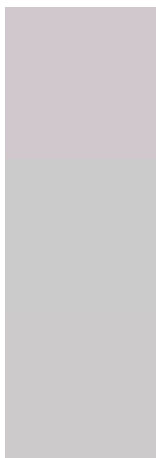
Deuteranomaly

58.9392, 0.3219, 0.3199

Tritanomaly

59.0553, 0.3125, 0.3163

Monochromacy



Original Color

59.0781, 0.3161, 0.3244

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5320, 0.3143, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0781, 0.3161, 0.3244 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(208, 200, 204)` looks like.

```
.text, #text, p{  
    color:rgb(208, 200, 204)  
}
```

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(208, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 200, 204) }
```

Border

The CSS property to change the border of an element to Yxy 59.0781, 0.3161, 0.3244 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(208, 200, 204) }
```

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

```
.border{ border-color:rgb(208, 200, 204) }
```

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

Here you see how a box with a 4 pixel rgb(208, 200, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 200, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 200, 204);  
box-shadow:4px 4px 4px 4px rgb(208, 200,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0781, 0.3161, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 200, 204) }
```

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

```
.background{ background-color: rgb(208,  
200, 204) }
```

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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