

Converting Colors

$Yxy(59.9121, 0.3140, 0.3203)$

Have a look what the booklet for
Yxy(59.9121, 0.3140, 0.3203)
contains.

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Color

Yxy(60.0290, 0.3146, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	D2C9D0
RGB	210, 201, 208
RGB Percent	82%, 79%, 82%
CMY	0.1765, 0.2117, 0.1842
CMYK	0.00, 0.04, 0.01, 0.18
HSL	313°, 9%, 81%
HSV	313°, 4%, 82%
XYZ	58.8505, 60.0290, 68.1850
YIQ	204.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

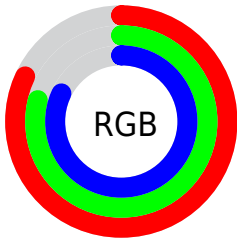
Format	Color
R _Y B	210, 201, 208
Decimal	13814224
CIE Lab	81.85, 4.38, -2.40
CIE LCh	82, 4.990, 331.310
Yxy	60.0290, 0.3146, 0.3209
Android (android.graphics.Color)	4292004304 (0xFFD2C9D0)
YUV	204.4890, 1.7309, 4.8331
Hunter-Lab	77.4784, -0.0034, 2.0566

Details

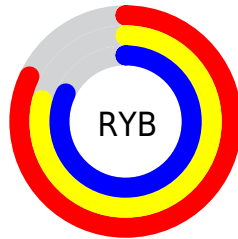
The Yxy color **60.0290, 0.3146, 0.3209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8133, 0.3109, 0.3372**, and the grayscale version is **60.6979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.2685, 0.3153, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **50.6804, 0.3195, 0.3014**, and if you desaturate by 10%, it is **70.7275, 0.3104, 0.3395**.

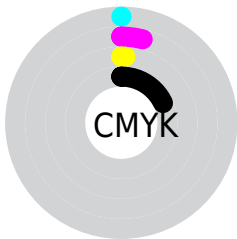
Distribution



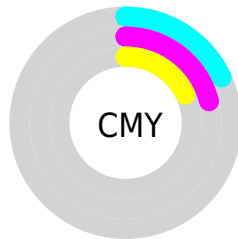
- Red (82%)
- Green (79%)
- Blue (82%)



- Red (82%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0290, 0.3146, 0.3209 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 60.0290, 0.3146, 0.3209 by changing the saturation by 10% instead.

■ 60.0290, 0.3146,
0.3209

■ 60.0290, 0.3146,
0.3209

424.7047, 0.3137,
0.3248

■ 43.4420, 0.3148,
0.3200

104.8717, 0.3143,
0.3223

■ 30.2321, 0.3151,
0.3188

133.8963, 0.3142,
0.3228

■ 20.0148, 0.3154,
0.3174

167.8354, 0.3141,
0.3232

■ 12.4058, 0.3158,
0.3154

207.0736, 0.3140,
0.3236

■ 7.0207, 0.3165,
0.3126

251.9953, 0.3139,
0.3240

■ 3.4750, 0.3174,
0.3084

302.9847, 0.3138,

■ 1.3845, 0.3189,

0.3243

0.3014

360.4264, 0.3138,
0.3245

0.2052, 0.3362,
0.2285

0.0000, 0.0000,
0.0000

60.0290, 0.3146,
0.3209

60.0290, 0.3146,
0.3209

50.6804, 0.3195,
0.3014

70.7275, 0.3104,
0.3395

42.6200, 0.3252,
0.2813

82.8190, 0.3068,
0.3570

35.7926, 0.3317,
0.2612

90.4760, 0.3039,
0.3644

30.1363, 0.3389,
0.2419

90.7226, 0.3014,
0.3594

■ 25.5836, 0.3467,
0.2243

■ 90.9759, 0.2990,
0.3545

■ 22.0602, 0.3551,
0.2094

■ 91.2357, 0.2965,
0.3496

■ 19.4826, 0.3637,
0.1982

■ 91.5024, 0.2940,
0.3447

■ 17.7542, 0.3723,
0.1914

■ 91.7757, 0.2916,
0.3399

■ 16.7576, 0.3806,
0.1893

■ 92.0559, 0.2892,
0.3352

Harmonies

Analogous

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



60.0290, 0.3082, 0.3183



60.0290, 0.3146, 0.3209



60.0290, 0.3206, 0.3256

Triad

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



60.0290, 0.3146, 0.3209



60.0290, 0.3225, 0.3396



60.0290, 0.3011, 0.3266

Complementary

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



60.0290, 0.3146, 0.3209



62.8133, 0.3109, 0.3372

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.



60.0290, 0.3049, 0.3324



60.0290, 0.3146, 0.3209



60.0290, 0.3172, 0.3400

Square

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



60.0290, 0.3146, 0.3209



60.0290, 0.3252, 0.3364



60.0290, 0.3108, 0.3373



60.0290, 0.3004, 0.3215

Rectangle

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



60.0290, 0.3146, 0.3209



60.0290, 0.3235, 0.3293



60.0290, 0.3108, 0.3373



60.0290, 0.3021, 0.3285

Sweetspot

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



60.0316, 0.3146, 0.3209



98.3483, 0.3132, 0.3271



59.0972, 0.3077, 0.3185



21.0680, 0.3131, 0.3272



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.



60.0316, 0.3146, 0.3209



91.9567, 0.3150, 0.3194



59.8207, 0.3178, 0.3259



12.7465, 0.3152, 0.3183



10.0201, 0.3841, 0.1889



0.5714, 0.3703, 0.1813

Inverse Universe

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



60.0316, 0.3146, 0.3209



91.9567, 0.3150, 0.3194



63.0231, 0.3079, 0.3321



12.7465, 0.3152, 0.3183



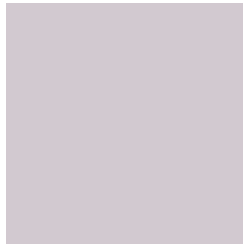
10.0201, 0.3841, 0.1889



0.5714, 0.3703, 0.1813

Previews

White Background



This preview shows how the Yxy color 60.0290, 0.3146, 0.3209 looks on a white background.

Color Contrast Check

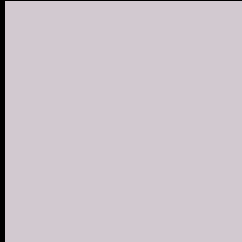
Large Text (above 18pt) WCAG AA × Fail

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 60.0290, 0.3146, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

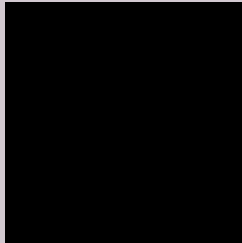
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

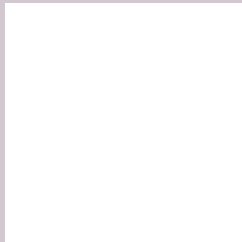
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0290, 0.3146, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 60.0290, 0.3146, 0.3209.



This preview shows how white text looks on a background with the Yxy color 60.0290, 0.3146, 0.3209.

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

60.0290, 0.3146, 0.3209

Protanopia

59.8236, 0.3100, 0.3209

Deuteranopia

59.9081, 0.3228, 0.3155



Tritanopia

60.1153, 0.3097, 0.3108

Trichromacy



Original Color

60.0290, 0.3146, 0.3209

Protanomaly

60.1099, 0.3116, 0.3209

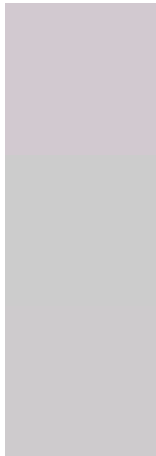
Deuteranomaly

59.7433, 0.3196, 0.3165

Tritanomaly

59.9615, 0.3119, 0.3141

Monochromacy



Original Color

60.0290, 0.3146, 0.3209

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2415, 0.3136, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0290, 0.3146, 0.3209 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, 201, 208)` looks like.

```
.text, #text, p{  
    color:rgb(210, 201, 208)  
}
```

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, 201, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 201, 208) }
```

Border

The CSS property to change the border of an element to Yxy 60.0290, 0.3146, 0.3209 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, 201, 208) }
```

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

```
.border{ border-color:rgb(210, 201, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 201, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 201, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 201, 208); box-shadow:4px 4px 4px 4px rgb(210, 201, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0290, 0.3146, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 201, 208) }
```

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

```
.background{ background-color: rgb(210,  
201, 208) }
```

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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