

Converting Colors

Yxy(62.4680, 0.3198, 0.3272)

Have a look what the booklet for
Yxy(62.4680, 0.3198, 0.3272)
contains.

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Color

Yxy(62.5659, 0.3197, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D7CDCE
RGB	215, 205, 206
RGB Percent	84%, 80%, 81%
CMY	0.1567, 0.1961, 0.1922
CMYK	0.00, 0.05, 0.04, 0.16
HSL	354°, 11%, 82%
HSV	354°, 5%, 84%
XYZ	61.0013, 62.5659, 67.2407
YIQ	208.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

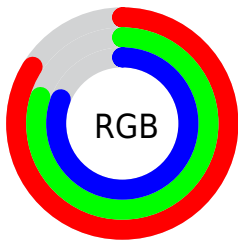
Format	Color
R _Y B	215, 205, 206
Decimal	14142926
CIE Lab	83.21, 3.65, 0.74
CIE LCh	83, 3.721, 11.505
Yxy	62.5659, 0.3197, 0.3279
Android (android.graphics.Color)	4292333006 (0xFFD7CDCE)
YUV	208.1040, -1.0373, 6.0478
Hunter-Lab	79.0986, -0.7624, 4.9674

Details

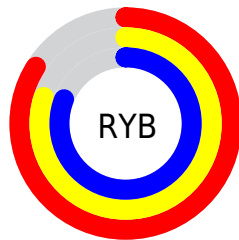
The Yxy color $62.5659, 0.3197, 0.3279$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $66.4543, 0.3061, 0.3301$, and the grayscale version is $63.1549, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.8738, 0.3209, 0.3275$ is the 20% darker color. If you saturate the color by 10%, you get $52.0932, 0.3373, 0.3254$, and if you desaturate by 10%, it is $74.5741, 0.3056, 0.3302$.

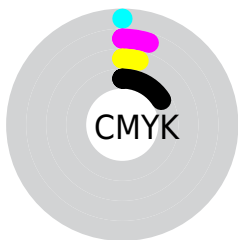
Distribution



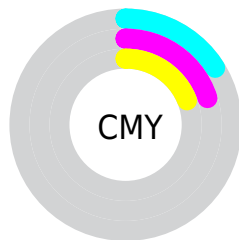
- Red (84%)
- Green (80%)
- Blue (81%)



- Red (84%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5659, 0.3197, 0.3279 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 62.5659, 0.3197, 0.3279 by changing the saturation by 10% instead.

■ 62.5659, 0.3197,
0.3279

■ 62.5659, 0.3197,
0.3279

433.9923, 0.3164,
0.3284

■ 45.4901, 0.3205,
0.3278

108.5430, 0.3185,
0.3281

■ 31.8436, 0.3215,
0.3276

138.2131, 0.3181,
0.3282

■ 21.2421, 0.3227,
0.3274

172.8501, 0.3177,
0.3282

■ 13.3011, 0.3244,
0.3271

212.8384, 0.3174,
0.3283

■ 7.6362, 0.3268,
0.3267

258.5624, 0.3171,
0.3283

■ 3.8631, 0.3304,
0.3261

310.4064, 0.3168,

■ 1.5973, 0.3365,

0.3284

0.3250

368.7549, 0.3166,
0.3284

0.3557, 0.3819,
0.3181

0.0000, 0.0000,
0.0000

62.5659, 0.3197,
0.3279

62.5659, 0.3197,
0.3279

52.0932, 0.3373,
0.3254

74.5741, 0.3056,
0.3302

43.0864, 0.3592,
0.3228

88.1678, 0.2942,
0.3323

35.4825, 0.3863,
0.3202

93.1922, 0.2889,
0.3289

29.2109, 0.4194,
0.3178

■ 24.1948, 0.4584,
0.3159

■ 20.3494, 0.5023,
0.3150

■ 17.5797, 0.5475,
0.3157

■ 15.7756, 0.5885,
0.3183

■ 14.8035, 0.6190,
0.3225

Harmonies

Analogous

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



62.5659, 0.3157, 0.3241



62.5659, 0.3197, 0.3279



62.5659, 0.3218, 0.3321

Triad

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



62.5659, 0.3197, 0.3279



62.5659, 0.3145, 0.3366



62.5659, 0.3040, 0.3226

Complementary

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



62.5659, 0.3197, 0.3279



66.4543, 0.3061, 0.3301

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.



62.5659, 0.3037, 0.3259



62.5659, 0.3197, 0.3279



62.5659, 0.3097, 0.3340

Square

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



62.5659, 0.3197, 0.3279



62.5659, 0.3188, 0.3371



62.5659, 0.3058, 0.3301



62.5659, 0.3067, 0.3210

Rectangle

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



62.5659, 0.3197, 0.3279



62.5659, 0.3219, 0.3345



62.5659, 0.3058, 0.3301



62.5659, 0.3037, 0.3235

Sweetspot

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



62.5686, 0.3197, 0.3279



98.2365, 0.3142, 0.3288



62.8698, 0.3125, 0.3177



21.0452, 0.3141, 0.3288



0.0000, 0.0000, 0.0000



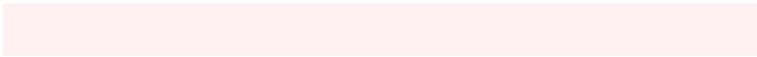
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.5686, 0.3197, 0.3279



89.7665, 0.3219, 0.3276



64.4664, 0.3201, 0.3336



13.0970, 0.3228, 0.3274



8.6808, 0.6280, 0.3233



0.5305, 0.5962, 0.3058

Inverse Universe

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



62.5686, 0.3197, 0.3279



89.7665, 0.3219, 0.3276



64.4847, 0.3056, 0.3244



13.0970, 0.3228, 0.3274



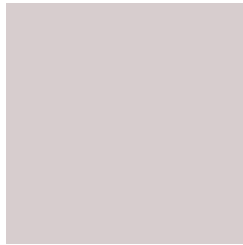
8.6808, 0.6280, 0.3233



0.5305, 0.5962, 0.3058

Previews

White Background



This preview shows how the Yxy color 62.5659, 0.3197, 0.3279 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 62.5659, 0.3197, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

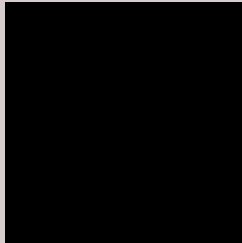
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

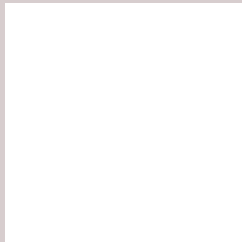
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5659, 0.3197, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 62.5659, 0.3197, 0.3279.

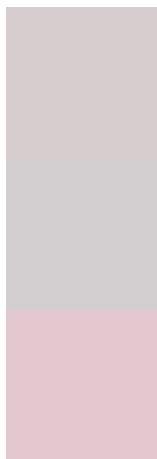


This preview shows how white text looks on a background with the Yxy color 62.5659, 0.3197, 0.3279.

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

62.5659, 0.3197, 0.3279

Protanopia

62.4965, 0.3158, 0.3279

Deuteranopia

62.6092, 0.3287, 0.3224



Tritanopia

62.5781, 0.3120, 0.3111

Trichromacy



Original Color

62.5659, 0.3197, 0.3279

Protanomaly

62.6447, 0.3166, 0.3279

Deuteranomaly

62.4340, 0.3254, 0.3235

Tritanomaly

62.6397, 0.3148, 0.3178

Monochromacy



Original Color

62.5659, 0.3197, 0.3279

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9795, 0.3157, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5659, 0.3197, 0.3279 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(215, 205, 206)` looks like.

```
.text, #text, p{  
    color:rgb(215, 205, 206)  
}
```

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(215, 205, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 205, 206) }
```

Border

The CSS property to change the border of an element to Yxy 62.5659, 0.3197, 0.3279 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(215, 205, 206) }
```

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

```
.border{ border-color:rgb(215, 205, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 205, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 205, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 205, 206);  
box-shadow:4px 4px 4px 4px rgb(215, 205,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5659, 0.3197, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 205, 206) }
```

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

```
.background{ background-color: rgb(215,  
205, 206) }
```

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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