

Converting Colors

Yxy(62.7360, 0.3143, 0.3268)

Have a look what the booklet for
Yxy(62.7360, 0.3143, 0.3268)
contains.

Yxy(62.8814, 0.3143, 0.3279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(62.8814, 0.3143, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D2CFD0
RGB	210, 207, 208
RGB Percent	82%, 81%, 82%
CMY	0.1765, 0.1882, 0.1844
CMYK	0.00, 0.01, 0.01, 0.18
HSL	341°, 3%, 82%
HSV	341°, 1%, 82%
XYZ	60.2733, 62.8814, 68.6153
YIQ	208.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

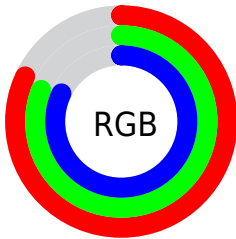
Format	Color
R_{YB}	210, 207, 208
Decimal	13815760
CIE Lab	83.38, 1.21, -0.12
CIE LCh	83, 1.213, 354.155
Yxy	62.8814, 0.3143, 0.3279
Android (android.graphics.Color)	4292005840 (0xFFD2CFD0)
YUV	208.0110, -0.0054, 1.7444
Hunter-Lab	79.2978, -3.0954, 4.2056

Details

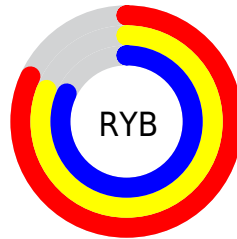
The Yxy color $62.8814, 0.3143, 0.3279$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.9658, 0.3112, 0.3301$, and the grayscale version is $63.0839, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.1835, 0.3148, 0.3275$ is the 20% darker color. If you saturate the color by 10%, you get $52.7057, 0.3268, 0.3199$, and if you desaturate by 10%, it is $74.4788, 0.3041, 0.3353$.

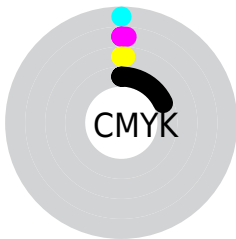
Distribution



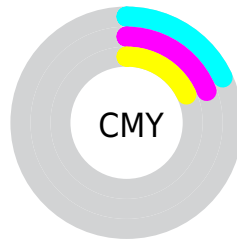
- Red (82%)
- Green (81%)
- Blue (82%)



- Red (82%)
- Yellow (81%)
- Blue (82%)



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



- Cyan (18%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8814, 0.3143, 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 62.8814, 0.3143, 0.3279 by changing the saturation by 10% instead.

■ 62.8814, 0.3143,
0.3279

■ 62.8814, 0.3143,
0.3279

435.1389, 0.3136,
0.3284

■ 45.7453, 0.3145,
0.3278

108.9984, 0.3140,
0.3281

■ 32.0449, 0.3147,
0.3276

138.7480, 0.3139,
0.3282

■ 21.3958, 0.3150,
0.3274

173.4710, 0.3138,
0.3282

■ 13.4136, 0.3154,
0.3271

213.5516, 0.3138,
0.3283

■ 7.7140, 0.3159,
0.3268

259.3743, 0.3137,
0.3283

■ 3.9125, 0.3167,
0.3262

311.3235, 0.3136,

■ 1.6247, 0.3180,

0.3284

369.7836, 0.3136,
0.3284

0.3252

0.3742, 0.3277,
0.3184

0.0000, 0.0000,
0.0000

62.8814, 0.3143,
0.3279

62.8814, 0.3143,
0.3279

52.7057, 0.3268,
0.3199

74.4788, 0.3041,
0.3353

43.8890, 0.3421,
0.3114

87.5416, 0.2958,
0.3422

36.3758, 0.3608,
0.3027

92.1686, 0.2883,
0.3334

30.1035, 0.3834,
0.2941

92.4418, 0.2860,
0.3289

■ 25.0047, 0.4102,
0.2863

■ 21.0052, 0.4411,
0.2802

■ 18.0223, 0.4753,
0.2771

■ 15.9615, 0.5108,
0.2780

■ 14.7102, 0.5447,
0.2838

Harmonies

Analogous

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



62.8814, 0.3128, 0.3269



62.8814, 0.3143, 0.3279



62.8814, 0.3154, 0.3292

Triad

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



62.8814, 0.3143, 0.3279



62.8814, 0.3141, 0.3317



62.8814, 0.3097, 0.3275

Complementary

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



62.8814, 0.3143, 0.3279



63.9658, 0.3112, 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.



62.8814, 0.3101, 0.3288



62.8814, 0.3143, 0.3279



62.8814, 0.3126, 0.3312

Square

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



62.8814, 0.3143, 0.3279



62.8814, 0.3153, 0.3314



62.8814, 0.3112, 0.3301



62.8814, 0.3102, 0.3266

Rectangle

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



62.8814, 0.3143, 0.3279



62.8814, 0.3157, 0.3301



62.8814, 0.3112, 0.3301



62.8814, 0.3098, 0.3279

Sweetspot

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



62.8841, 0.3143, 0.3279

100.0000, 0.3127, 0.3290



62.8387, 0.3121, 0.3256



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



62.8841, 0.3143, 0.3279



96.5682, 0.3150, 0.3274



63.0790, 0.3149, 0.3296



13.5512, 0.3148, 0.3276



8.6253, 0.5667, 0.2896



0.4967, 0.5142, 0.2606

Inverse Universe

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



62.8841, 0.3143, 0.3279



96.5682, 0.3150, 0.3274



63.7677, 0.3105, 0.3284



13.5512, 0.3148, 0.3276



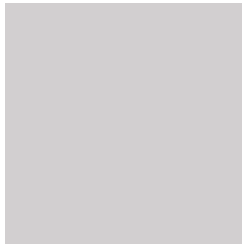
8.6253, 0.5667, 0.2896



0.4967, 0.5142, 0.2606

Previews

White Background



This preview shows how the Yxy color 62.8814, 0.3143, 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 62.8814, 0.3143, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

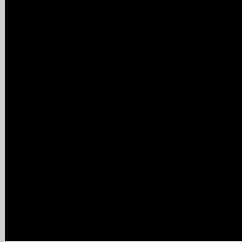
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

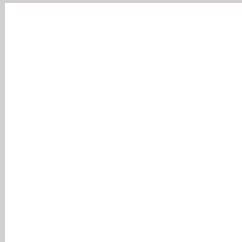
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8814, 0.3143, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 62.8814, 0.3143, 0.3279.

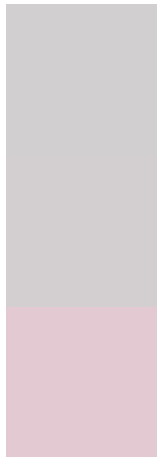


This preview shows how white text looks on a background with the Yxy color 62.8814, 0.3143, 0.3279.

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

62.8814, 0.3143, 0.3279

Protanopia

63.0286, 0.3150, 0.3279

Deuteranopia

62.7076, 0.3272, 0.3202



Tritanopia

62.8801, 0.3068, 0.3110

Trichromacy



Original Color

62.8814, 0.3143, 0.3279

Protanomaly

63.0286, 0.3150, 0.3279

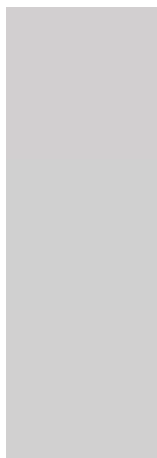
Deuteranomaly

62.6875, 0.3223, 0.3223

Tritanomaly

62.9494, 0.3095, 0.3177

Monochromacy



Original Color

62.8814, 0.3143, 0.3279

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.2211, 0.3135, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8814, 0.3143, 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(210, 207, 208)` looks like.

```
.text, #text, p{  
    color:rgb(210, 207, 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, 207, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 207, 208) }
```

Border

The CSS property to change the border of an element to Yxy 62.8814, 0.3143, 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(210, 207, 208) }
```

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

```
.border{ border-color:rgb(210, 207, 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, 207, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 207, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 207, 208);  
box-shadow:4px 4px 4px 4px rgb(210, 207,  
208) }
```

Background

The CSS property to change the background color of an element to Yxy 62.8814, 0.3143, 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(210, 207, 208) }
```

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

```
.background{ background-color: rgb(210,  
207, 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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