

Converting Colors

Yxy(64.9295, 0.3147, 0.3269)

Have a look what the booklet for
Yxy(64.9295, 0.3147, 0.3269)
contains.

Yxy(65.0925, 0.3150, 0.3279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.0925, 0.3150, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D6D2D3
RGB	214, 210, 211
RGB Percent	84%, 82%, 83%
CMY	0.1608, 0.1764, 0.1726
CMYK	0.00, 0.02, 0.01, 0.16
HSL	345°, 5%, 83%
HSV	345°, 2%, 84%
XYZ	62.5317, 65.0925, 70.8891
YIQ	211.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

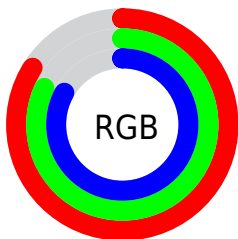
Format	Color
R_{YB}	214, 210, 211
Decimal	14078675
CIE _{Lab}	84.53, 1.54, -0.01
CIE _{LCh}	85, 1.543, 359.563
Yxy	65.0925, 0.3150, 0.3279
Android (android.graphics.Color)	4292268755 (0xFFD6D2D3)
YUV	211.3100, -0.1528, 2.3591
Hunter-Lab	80.6799, -2.8419, 4.3810

Details

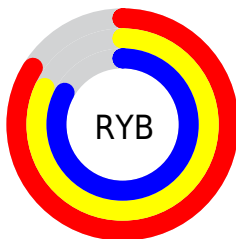
The Yxy color **65.0925, 0.3150, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5939, 0.3105, 0.3301**, and the grayscale version is **65.3570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.5822, 0.3147, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **54.4567, 0.3289, 0.3217**, and if you desaturate by 10%, it is **77.2279, 0.3037, 0.3336**.

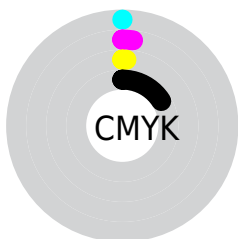
Distribution



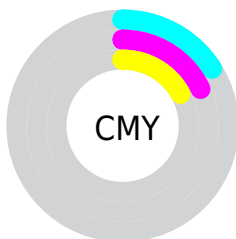
- Red (84%)
- Green (82%)
- Blue (83%)



- Red (84%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0925, 0.3150, 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 65.0925, 0.3150, 0.3279 by changing the saturation by 10% instead.

■ 65.0925, 0.3150,
0.3279

■ 65.0925, 0.3150,
0.3279

443.1243, 0.3139,
0.3284

■ 47.5361, 0.3153,
0.3278

112.1828, 0.3146,
0.3281

■ 33.4597, 0.3156,
0.3276

142.4855, 0.3145,
0.3282

■ 22.4788, 0.3160,
0.3274

177.8058, 0.3144,
0.3282

■ 14.2091, 0.3165,
0.3272

218.5280, 0.3142,
0.3283

■ 8.2663, 0.3173,
0.3268

265.0366, 0.3142,
0.3283

■ 4.2658, 0.3184,
0.3262

317.7159, 0.3141,

■ 1.8233, 0.3202,

0.3284

0.3253

376.9503, 0.3140,
0.3284

0.5017, 0.3291,
0.3209

0.0000, 0.0000,
0.0000

65.0925, 0.3150,
0.3279

65.0925, 0.3150,
0.3279

54.4567, 0.3289,
0.3217

77.2279, 0.3037,
0.3336

45.2539, 0.3461,
0.3152

90.9093, 0.2945,
0.3389

37.4253, 0.3672,
0.3085

93.0341, 0.2883,
0.3289

30.9045, 0.3929,
0.3019

■ 25.6195, 0.4234,
0.2961

■ 21.4916, 0.4587,
0.2919

■ 18.4328, 0.4973,
0.2904

■ 16.3424, 0.5365,
0.2925

■ 15.0999, 0.5721,
0.2988

Harmonies

Analogous

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



65.0925, 0.3132, 0.3265



65.0925, 0.3150, 0.3279



65.0925, 0.3162, 0.3296

Triad

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



65.0925, 0.3150, 0.3279



65.0925, 0.3142, 0.3323



65.0925, 0.3090, 0.3269

Complementary

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



65.0925, 0.3150, 0.3279



66.5939, 0.3105, 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.



65.0925, 0.3093, 0.3284



65.0925, 0.3150, 0.3279



65.0925, 0.3123, 0.3316

Square

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



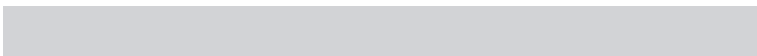
65.0925, 0.3150, 0.3279



65.0925, 0.3157, 0.3322



65.0925, 0.3105, 0.3301



65.0925, 0.3097, 0.3259

Rectangle

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



65.0925, 0.3150, 0.3279



65.0925, 0.3165, 0.3307



65.0925, 0.3105, 0.3301



65.0925, 0.3090, 0.3273

Sweetspot

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



65.0953, 0.3150, 0.3279



98.2606, 0.3139, 0.3284



65.0979, 0.3122, 0.3245



21.0501, 0.3139, 0.3284



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.



65.0953, 0.3150, 0.3279



96.5440, 0.3152, 0.3278



65.5387, 0.3156, 0.3301



14.2565, 0.3150, 0.3279



8.8090, 0.5928, 0.3039



0.5446, 0.5429, 0.2765

Inverse Universe

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



65.0953, 0.3150, 0.3279



96.5440, 0.3152, 0.3278



66.1423, 0.3099, 0.3279



14.2565, 0.3150, 0.3279



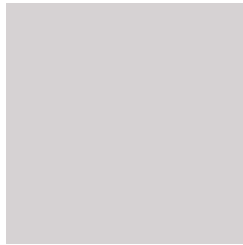
8.8090, 0.5928, 0.3039



0.5446, 0.5429, 0.2765

Previews

White Background



This preview shows how the Yxy color 65.0925, 0.3150, 0.3279 looks on a white background.

Color Contrast Check

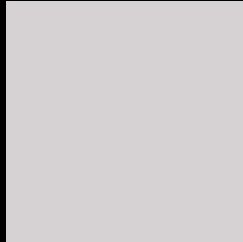
Large Text (above 18pt) WCAG AA × Fail

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 65.0925, 0.3150, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

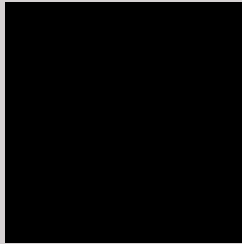
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

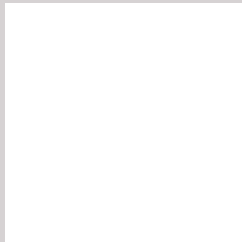
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0925, 0.3150, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 65.0925, 0.3150, 0.3279.

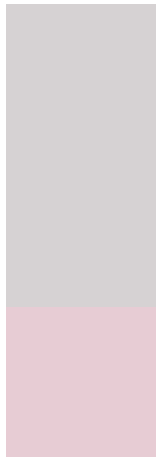


This preview shows how white text looks on a background with the Yxy color 65.0925, 0.3150, 0.3279.

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

65.0925, 0.3150, 0.3279

Protanopia

65.0925, 0.3150, 0.3279

Deuteranopia

64.9281, 0.3278, 0.3204



Tritanopia

65.0925, 0.3076, 0.3113

Trichromacy



Original Color

65.0925, 0.3150, 0.3279

Protanomaly

65.0925, 0.3150, 0.3279

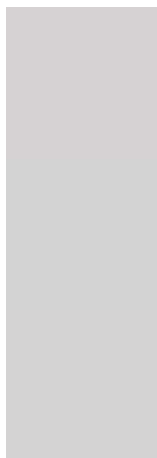
Deuteranomaly

64.9036, 0.3229, 0.3224

Tritanomaly

65.1625, 0.3103, 0.3178

Monochromacy



Original Color

65.0925, 0.3150, 0.3279

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.2887, 0.3135, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0925, 0.3150, 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(214, 210, 211)` looks like.

```
.text, #text, p{  
    color:rgb(214, 210, 211)  
}
```

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(214, 210, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 210, 211) }
```

Border

The CSS property to change the border of an element to Yxy 65.0925, 0.3150, 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(214, 210, 211) }
```

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

```
.border{ border-color:rgb(214, 210, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 210, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 210, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 210, 211);  
box-shadow:4px 4px 4px 4px rgb(214, 210,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0925, 0.3150, 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(214, 210, 211) }
```

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

```
.background{ background-color: rgb(214,  
210, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor