

Converting Colors

$Yxy(64.9296, 0.3124, 0.3254)$

Have a look what the booklet for
Yxy(64.9296, 0.3124, 0.3254)
contains.

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Color

Yxy(64.8943, 0.3121, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	D4D2D5
RGB	212, 210, 213
RGB Percent	83%, 82%, 84%
CMY	0.1687, 0.1764, 0.1646
CMYK	0.00, 0.01, 0.00, 0.16
HSL	279°, 3%, 83%
HSV	279°, 1%, 84%
XYZ	62.2037, 64.8943, 72.2089
YIQ	210.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

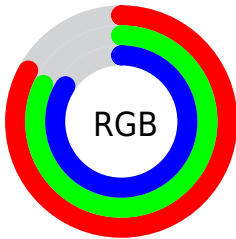
Format	Color
RYB	212, 210, 213
Decimal	13947605
CIELab	84.43, 1.22, -1.26
CIElCh	84, 1.753, 314.178
Yxy	64.8943, 0.3121, 0.3256
Android (android.graphics.Color)	4292137685 (0xFFD4D2D5)
YUV	210.9400, 1.0156, 0.9296
Hunter-Lab	80.5570, -3.1425, 3.2441

Details

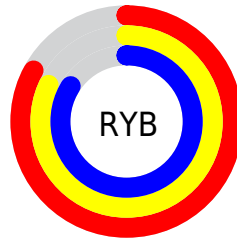
The Yxy color **64.8943, 0.3121, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1084, 0.3133, 0.3324**, and the grayscale version is **65.0925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4137, 0.3119, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **53.9932, 0.3073, 0.3005**, and if you desaturate by 10%, it is **77.2515, 0.3161, 0.3489**.

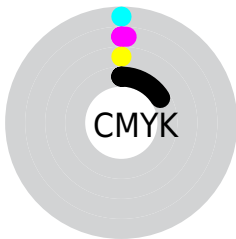
Distribution



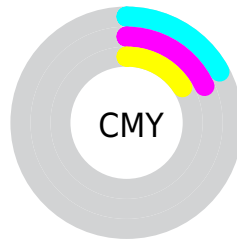
- Red (83%)
- Green (82%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8943, 0.3121, 0.3256 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 64.8943, 0.3121, 0.3256 by changing the saturation by 10% instead.

■ 64.8943, 0.3121,
0.3256

■ 64.8943, 0.3121,
0.3256

442.4120, 0.3124,
0.3272

■ 47.3754, 0.3120,
0.3252

111.8979, 0.3122,
0.3262

■ 33.3325, 0.3119,
0.3248

142.1513, 0.3122,
0.3264

■ 22.3813, 0.3118,
0.3242

177.4184, 0.3123,
0.3266

■ 14.1373, 0.3117,
0.3234

218.0835, 0.3123,
0.3267

■ 8.2162, 0.3115,
0.3222

264.5310, 0.3123,
0.3269

■ 4.2336, 0.3111,
0.3206

317.1454, 0.3124,

■ 1.8051, 0.3106,

0.3270

376.3109, 0.3124,
0.3271

0.3178

0.4903, 0.3084,
0.3049

0.0000, 0.0000,
0.0000

64.8943, 0.3121,
0.3256

64.8943, 0.3121,
0.3256

53.9932, 0.3073,
0.3005

77.2515, 0.3161,
0.3489

44.4843, 0.3015,
0.2739

91.1090, 0.3194,
0.3702

36.3112, 0.2948,
0.2462

93.8498, 0.3240,
0.3719

29.4104, 0.2873,
0.2183

95.1311, 0.3288,
0.3712

■ 23.7131, 0.2788,
0.1912

■ 96.4654, 0.3336,
0.3706

■ 19.1439, 0.2698,
0.1661

■ 97.5850, 0.3375,
0.3701

■ 15.6187, 0.2604,
0.1442

■ 13.0410, 0.2509,
0.1266

■ 11.2958, 0.2417,
0.1139

Harmonies

Analogous

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



64.8943, 0.3101, 0.3253



64.8943, 0.3121, 0.3256



64.8943, 0.3143, 0.3269

Triad

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



64.8943, 0.3121, 0.3256



64.8943, 0.3167, 0.3321



64.8943, 0.3094, 0.3294

Complementary

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



64.8943, 0.3121, 0.3256



66.1084, 0.3133, 0.3324

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.



64.8943, 0.3111, 0.3312



64.8943, 0.3121, 0.3256



64.8943, 0.3154, 0.3328

Square

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



64.8943, 0.3121, 0.3256



64.8943, 0.3170, 0.3306



64.8943, 0.3133, 0.3325



64.8943, 0.3085, 0.3274

Rectangle

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



64.8943, 0.3121, 0.3256



64.8943, 0.3156, 0.3280



64.8943, 0.3133, 0.3325



64.8943, 0.3099, 0.3300

Sweetspot

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



64.8971, 0.3121, 0.3256

100.0000, 0.3127, 0.3290



65.1287, 0.3106, 0.3268



21.4041, 0.3127, 0.3290



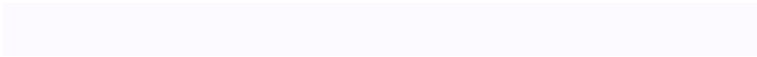
0.0000, 0.0000, 0.0000

Same Dimension

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



64.8971, 0.3121, 0.3256



96.4543, 0.3118, 0.3241



65.0300, 0.3132, 0.3261



14.2442, 0.3119, 0.3245



6.3433, 0.2355, 0.1071



0.4278, 0.2504, 0.1153

Inverse Universe

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



64.9539, 0.3142, 0.3278



96.5767, 0.3149, 0.3273



65.9770, 0.3122, 0.3319



14.2610, 0.3147, 0.3274



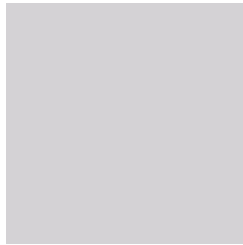
8.9610, 0.5572, 0.2843



0.5559, 0.5088, 0.2576

Previews

White Background



This preview shows how the Yxy color 64.8943, 0.3121, 0.3256 looks on a white background.

Color Contrast Check

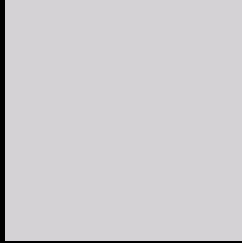
Large Text (above 18pt) WCAG AA × Fail

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 64.8943, 0.3121, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

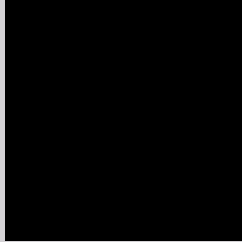
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

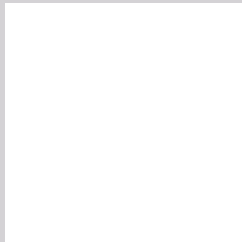
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8943, 0.3121, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 64.8943, 0.3121, 0.3256.

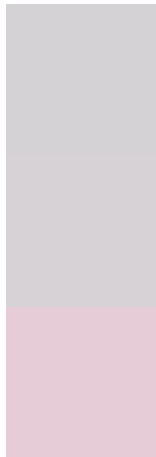


This preview shows how white text looks on a background with the Yxy color 64.8943, 0.3121, 0.3256.

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

64.8943, 0.3121, 0.3256

Protanopia

65.1934, 0.3136, 0.3256

Deuteranopia

64.6988, 0.3247, 0.3181



Tritanopia

64.8441, 0.3055, 0.3101

Trichromacy



Original Color

64.8943, 0.3121, 0.3256

Protanomaly

65.0434, 0.3129, 0.3256

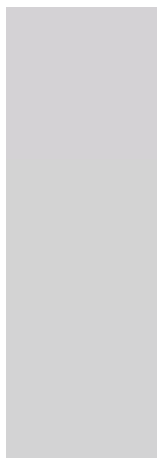
Deuteranomaly

64.6856, 0.3200, 0.3202

Tritanomaly

64.9675, 0.3074, 0.3156

Monochromacy



Original Color

64.8943, 0.3121, 0.3256

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.1909, 0.3120, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8943, 0.3121, 0.3256 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(212, 210, 213)` looks like.

```
.text, #text, p{  
    color:rgb(212, 210, 213)  
}
```

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(212, 210, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 210, 213) }
```

Border

The CSS property to change the border of an element to Yxy 64.8943, 0.3121, 0.3256 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(212, 210, 213) }
```

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

```
.border{ border-color:rgb(212, 210, 213) }
```

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

Here you see how a box with a 4 pixel rgb(212, 210, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 210, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 210, 213);  
box-shadow:4px 4px 4px 4px rgb(212, 210,  
213) }
```

Background

The CSS property to change the background color of an element to Yxy 64.8943, 0.3121, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 210, 213) }
```

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

```
.background{ background-color: rgb(212,  
210, 213) }
```

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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