

Converting Colors

Yxy(64.4021, 0.3124, 0.3251)

Have a look what the booklet for
Yxy(64.4021, 0.3124, 0.3251)
contains.

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Color

Yxy(64.4021, 0.3122, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	D4D1D5
RGB	212, 209, 213
RGB Percent	83%, 82%, 84%
CMY	0.1686, 0.1804, 0.1648
CMYK	0.00, 0.02, 0.00, 0.16
HSL	285°, 5%, 83%
HSV	285°, 2%, 84%
XYZ	61.9610, 64.4021, 72.1026
YIQ	210.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

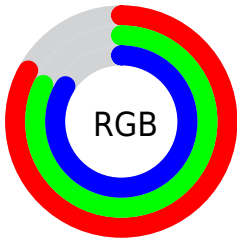
Format	Color
R _Y B	212, 209, 213
Decimal	13947349
CIE Lab	84.17, 1.75, -1.61
CIE LCh	84, 2.381, 317.436
Yxy	64.4021, 0.3122, 0.3245
Android (android.graphics.Color)	4292137429 (0xFFD4D1D5)
YUV	210.3530, 1.3050, 1.4444
Hunter-Lab	80.2509, -2.6210, 2.9057

Details

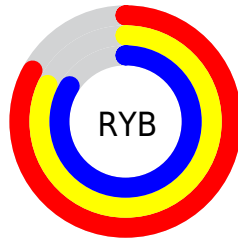
The Yxy color **64.4021, 0.3122, 0.3245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8818, 0.3132, 0.3335**, and the grayscale version is **64.6851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.0794, 0.3119, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **53.8784, 0.3091, 0.2995**, and if you desaturate by 10%, it is **76.3535, 0.3147, 0.3479**.

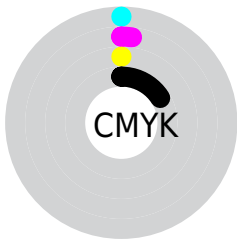
Distribution



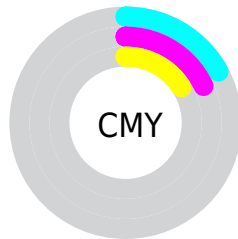
- Red (83%)
- Green (82%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.4021, 0.3122, 0.3245 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 64.4021, 0.3122, 0.3245 by changing the saturation by 10% instead.

■ 64.4021, 0.3122,
0.3245

■ 64.4021, 0.3122,
0.3245

440.6403, 0.3125,
0.3266

■ 46.9764, 0.3121,
0.3240

111.1898, 0.3123,
0.3252

■ 33.0170, 0.3121,
0.3234

141.3207, 0.3123,
0.3255

■ 22.1395, 0.3120,
0.3226

176.4553, 0.3124,
0.3258

■ 13.9594, 0.3118,
0.3215

216.9783, 0.3124,
0.3260

■ 8.0925, 0.3117,
0.3200

263.2738, 0.3124,
0.3262

■ 4.1542, 0.3114,
0.3178

315.7264, 0.3124,

■ 1.7602, 0.3109,

0.3264

0.3142

374.7204, 0.3124,
0.3265

0.4622, 0.3090,
0.2963

0.0000, 0.0000,
0.0000

64.4021, 0.3122,
0.3245

64.4021, 0.3122,
0.3245

53.8784, 0.3091,
0.2995

76.3535, 0.3147,
0.3479

44.7189, 0.3053,
0.2733

89.7766, 0.3168,
0.3695

36.8675, 0.3009,
0.2465

92.7659, 0.3198,
0.3724

30.2608, 0.2958,
0.2199

93.6322, 0.3232,
0.3720

■ 24.8305, 0.2901,
0.1945

■ 94.5245, 0.3265,
0.3716

■ 20.5012, 0.2839,
0.1715

■ 95.4432, 0.3299,
0.3711

■ 17.1888, 0.2774,
0.1519

■ 96.3883, 0.3334,
0.3706

■ 14.7968, 0.2707,
0.1365

■ 97.3601, 0.3368,
0.3702

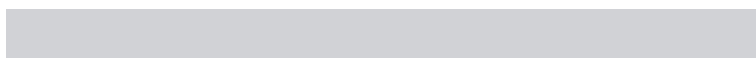
■ 13.2096, 0.2641,
0.1259

■ 97.5831, 0.3376,
0.3701

Harmonies

Analogous

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



64.4021, 0.3094, 0.3239



64.4021, 0.3122, 0.3245



64.4021, 0.3152, 0.3263

Triad

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



64.4021, 0.3122, 0.3245



64.4021, 0.3180, 0.3334



64.4021, 0.3080, 0.3292

Complementary

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



64.4021, 0.3122, 0.3245



65.8818, 0.3132, 0.3335

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.



64.4021, 0.3103, 0.3318



64.4021, 0.3122, 0.3245



64.4021, 0.3161, 0.3342

Square

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



64.4021, 0.3122, 0.3245



64.4021, 0.3186, 0.3314



64.4021, 0.3132, 0.3336



64.4021, 0.3069, 0.3266

Rectangle

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



64.4021, 0.3122, 0.3245



64.4021, 0.3169, 0.3280



64.4021, 0.3132, 0.3336



64.4021, 0.3086, 0.3301

Sweetspot

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



64.4049, 0.3122, 0.3245



98.2653, 0.3124, 0.3266



64.4524, 0.3099, 0.3256



21.0511, 0.3125, 0.3267



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.



64.4049, 0.3122, 0.3245



96.5525, 0.3122, 0.3241



64.5000, 0.3136, 0.3256



14.2577, 0.3122, 0.3245



7.5955, 0.2598, 0.1205



0.4956, 0.2709, 0.1266

Inverse Universe

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



64.3994, 0.3150, 0.3279



96.5437, 0.3152, 0.3278



65.7884, 0.3118, 0.3324



14.2565, 0.3150, 0.3279



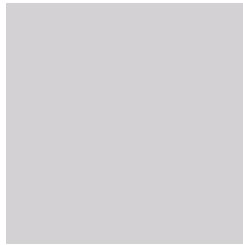
8.8077, 0.5931, 0.3041



0.5445, 0.5433, 0.2766

Previews

White Background



This preview shows how the Yxy color 64.4021, 0.3122, 0.3245 looks on a white background.

Color Contrast Check

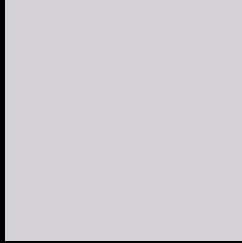
Large Text (above 18pt) WCAG AA × Fail

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 64.4021, 0.3122, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

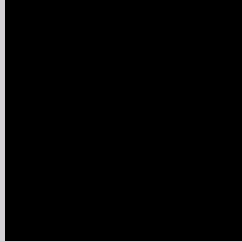
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

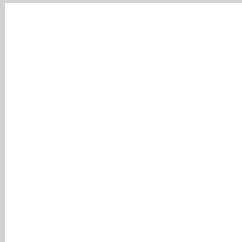
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4021, 0.3122, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 64.4021, 0.3122, 0.3245.

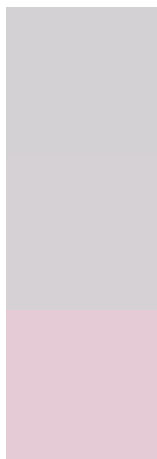


This preview shows how white text looks on a background with the Yxy color 64.4021, 0.3122, 0.3245.

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

64.4021, 0.3122, 0.3245

Protanopia

64.5512, 0.3129, 0.3245

Deuteranopia

64.0609, 0.3241, 0.3170



Tritanopia

64.3036, 0.3062, 0.3101

Trichromacy



Original Color

64.4021, 0.3122, 0.3245

Protanomaly

64.5512, 0.3129, 0.3245

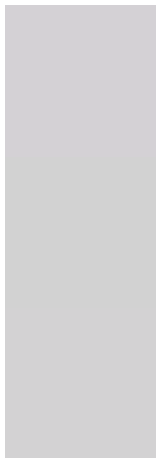
Deuteranomaly

64.0473, 0.3193, 0.3191

Tritanomaly

64.4252, 0.3081, 0.3155

Monochromacy



Original Color

64.4021, 0.3122, 0.3245

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.6452, 0.3128, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4021, 0.3122, 0.3245 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, 209, 213) looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 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, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 213) }
```

Border

The CSS property to change the border of an element to Yxy 64.4021, 0.3122, 0.3245 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, 209, 213) }
```

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

```
.border{ border-color:rgb(212, 209, 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, 209, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4021, 0.3122, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 213) }
```

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

```
.background{ background-color: rgb(212,  
209, 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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