

Converting Colors

Yxy(64.9296, 0.3154, 0.3331)

Have a look what the booklet for
Yxy(64.9296, 0.3154, 0.3331)
contains.

Yxy(64.9424, 0.3155, 0.3336)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.9424, 0.3155, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	D3D3CF
RGB	211, 211, 207
RGB Percent	83%, 83%, 81%
CMY	0.1725, 0.1725, 0.1883
CMYK	0.00, 0.00, 0.02, 0.17
HSL	60°, 4%, 82%
HSV	60°, 2%, 83%
XYZ	61.4188, 64.9424, 68.3102
YIQ	210.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

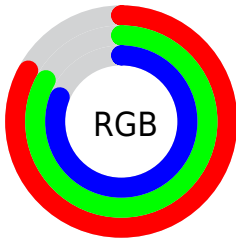
Format	Color
R _Y B	207, 211, 207
Decimal	13882319
CIE Lab	84.45, -0.72, 1.98
CIE LCh	84, 2.109, 109.929
Yxy	64.9424, 0.3155, 0.3336
Android (android.graphics.Color)	4292072399 (0xFFD3D3CF)
YUV	210.5440, -1.7472, 0.3999
Hunter-Lab	80.5868, -4.9841, 6.1531

Details

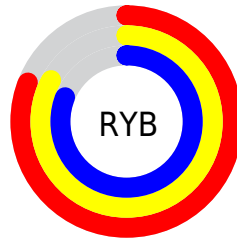
The Yxy color **64.9424, 0.3155, 0.3336** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5766, 0.3099, 0.3244**, and the grayscale version is **64.8371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.5819, 0.3164, 0.3350** is the 20% darker color. If you saturate the color by 10%, you get **63.9811, 0.3304, 0.3582**, and if you desaturate by 10%, it is **66.0472, 0.3012, 0.3100**.

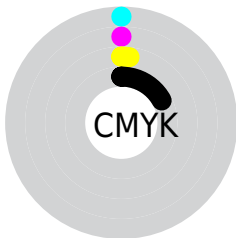
Distribution



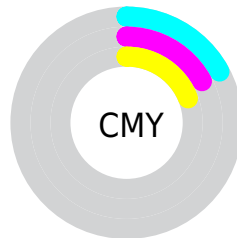
- Red (83%)
- Green (83%)
- Blue (81%)



- Red (81%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9424, 0.3155, 0.3336 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 64.9424, 0.3155, 0.3336 by changing the saturation by 10% instead.

■ 64.9424, 0.3155,
0.3336

■ 64.9424, 0.3155,
0.3336

442.5850, 0.3142,
0.3314

■ 47.4144, 0.3158,
0.3341

111.9670, 0.3150,
0.3328

■ 33.3634, 0.3162,
0.3347

142.2325, 0.3149,
0.3325

■ 22.4049, 0.3167,
0.3356

177.5124, 0.3147,
0.3323

■ 14.1547, 0.3173,
0.3366

218.1914, 0.3146,
0.3321

■ 8.2284, 0.3182,
0.3382

264.6537, 0.3145,
0.3319

■ 4.2414, 0.3196,
0.3404

317.2839, 0.3144,

■ 1.8095, 0.3218,

0.3317

0.3442

376.4661, 0.3143,
0.3316

■ 0.4931, 0.3360,
0.3673

■ 0.0000, 0.0000,
0.0000

■ 64.9424, 0.3155,
0.3336

■ 64.9424, 0.3155,
0.3336

■ 63.9811, 0.3304,
0.3582

■ 66.0472, 0.3012,
0.3100

■ 63.1496, 0.3455,
0.3833

■ 67.2922, 0.2878,
0.2878

■ 62.4447, 0.3606,
0.4081

■ 67.6620, 0.2843,
0.2820

■ 61.8603, 0.3749,
0.4318

■ 67.6622, 0.2843,
0.2820

61.3897, 0.3879,
0.4533

67.6623, 0.2843,
0.2820

61.0254, 0.3990,
0.4717

67.6624, 0.2843,
0.2820

60.7592, 0.4079,
0.4863

67.6626, 0.2843,
0.2820

60.5815, 0.4141,
0.4967

67.6627, 0.2843,
0.2820

60.4810, 0.4178,
0.5028

67.6629, 0.2843,
0.2820

Harmonies

Analogous

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



64.9424, 0.3173, 0.3330



64.9424, 0.3155, 0.3336



64.9424, 0.3129, 0.3330

Triad

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



64.9424, 0.3155, 0.3336



64.9424, 0.3076, 0.3267



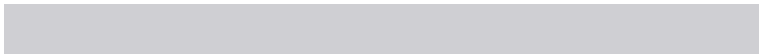
64.9424, 0.3151, 0.3268

Complementary

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



64.9424, 0.3155, 0.3336



62.5766, 0.3099, 0.3244

Split Complementary

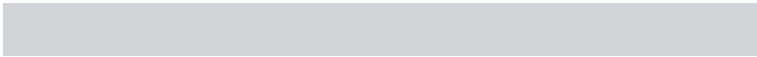
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.9424, 0.3125, 0.3251



64.9424, 0.3155, 0.3336



64.9424, 0.3082, 0.3250

Square

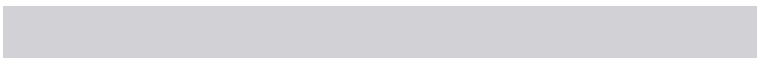
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.9424, 0.3155, 0.3336



64.9424, 0.3084, 0.3290



64.9424, 0.3099, 0.3245



64.9424, 0.3171, 0.3291

Rectangle

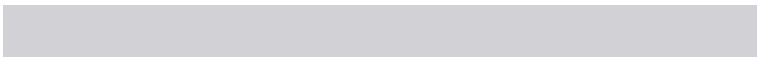
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.9424, 0.3155, 0.3336



64.9424, 0.3112, 0.3319



64.9424, 0.3099, 0.3245



64.9424, 0.3143, 0.3261

Sweetspot

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



64.9452, 0.3155, 0.3336



99.8368, 0.3142, 0.3314



62.9652, 0.3158, 0.3290



21.3709, 0.3141, 0.3313



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.



64.9452, 0.3155, 0.3336



99.6758, 0.3157, 0.3339



64.6491, 0.3140, 0.3336



13.9562, 0.3155, 0.3335



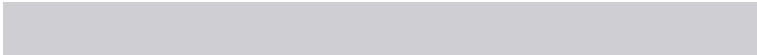
36.4731, 0.4193, 0.5053



2.0394, 0.4193, 0.5053

Inverse Universe

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



62.5766, 0.3099, 0.3244



95.8346, 0.3097, 0.3241



62.8690, 0.3114, 0.3244



13.4556, 0.3100, 0.3244



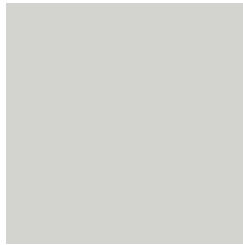
2.8384, 0.1500, 0.0600



0.1587, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 64.9424, 0.3155, 0.3336 looks on a white background.

Color Contrast Check

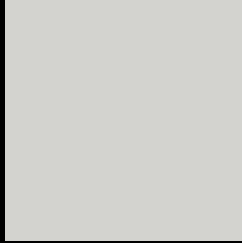
Large Text (above 18pt) WCAG AA × Fail

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 64.9424, 0.3155, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

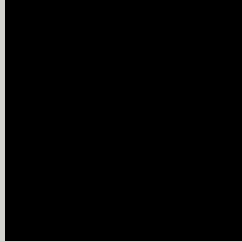
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

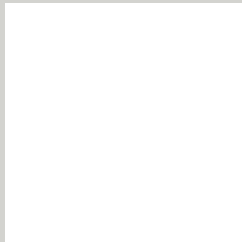
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9424, 0.3155, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 64.9424, 0.3155, 0.3336.

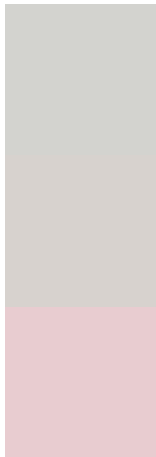


This preview shows how white text looks on a background with the Yxy color 64.9424, 0.3155, 0.3336.

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

64.9424, 0.3155, 0.3336

Protanopia

64.9965, 0.3193, 0.3335

Deuteranopia

64.8956, 0.3315, 0.3247



Tritanopia

64.8441, 0.3055, 0.3101

Trichromacy



Original Color

64.9424, 0.3155, 0.3336

Protanomaly

64.8456, 0.3185, 0.3336

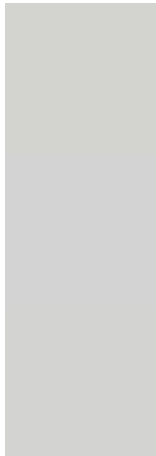
Deuteranomaly

65.0270, 0.3250, 0.3279

Tritanomaly

64.8090, 0.3095, 0.3189

Monochromacy



Original Color

64.9424, 0.3155, 0.3336

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0906, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9424, 0.3155, 0.3336 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(211, 211, 207) looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 207)  
}
```

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(211, 211, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 207) }
```

Border

The CSS property to change the border of an element to Yxy 64.9424, 0.3155, 0.3336 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(211, 211, 207) }
```

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

```
.border{ border-color:rgb(211, 211, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 207);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9424, 0.3155, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 207) }
```

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

```
.background{ background-color: rgb(211,  
211, 207) }
```

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