

Converting Colors

Yxy(63.9641, 0.3214, 0.3382)

Have a look what the booklet for
Yxy(63.9641, 0.3214, 0.3382)
contains.

| | |
|---|----|
| Yxy(63.9641, 0.3214, 0.3382) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(63.9641, 0.3214, 0.3382)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D5D1C9 |
| RGB | 213, 209, 201 |
| RGB Percent | 84%, 82%, 79% |
| CMY | 0.1646, 0.1804, 0.2119 |
| CMYK | 0.00, 0.02, 0.06, 0.16 |
| HSL | 40°, 13%, 81% |
| HSV | 40°, 6%, 84% |
| XYZ | 60.7867, 63.9641, 64.3802 |
| YIQ | 209.2840, 4.9520, -1.6400 |

Conversions

Conversions Part 2

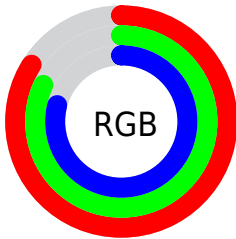
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 207, 213, 201 |
| Decimal | 14012873 |
| CIE Lab | 83.95, -0.02, 4.46 |
| CIE LCh | 84, 4.457, 90.281 |
| Yxy | 63.9641, 0.3214, 0.3382 |
| Android (android.graphics.Color) | 4292202953 (0xFFD5D1C9) |
| YUV | 209.2840, -4.0840, 3.2589 |
| Hunter-Lab | 79.9776, -4.2923, 8.2571 |

Details

The Yxy color **63.9641, 0.3214, 0.3382** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8806, 0.3041, 0.3196**, and the grayscale version is **63.9831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8184, 0.3231, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **59.6177, 0.3380, 0.3551**, and if you desaturate by 10%, it is **68.6112, 0.3064, 0.3222**.

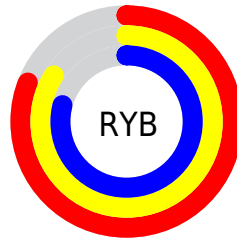
Distribution



Red (84%)

Green (82%)

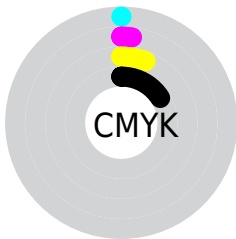
Blue (79%)



Red (81%)

Yellow (84%)

Blue (79%)

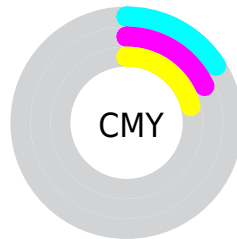


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (16%)



Cyan (16%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9641, 0.3214, 0.3382 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 63.9641, 0.3214, 0.3382 by changing the saturation by 10% instead.

■ 63.9641, 0.3214,
0.3382

■ 63.9641, 0.3214,
0.3382

439.0600, 0.3173,
0.3338

■ 46.6216, 0.3224,
0.3392

110.5592, 0.3200,
0.3367

■ 32.7366, 0.3236,
0.3405

140.5807, 0.3194,
0.3361

■ 21.9248, 0.3251,
0.3421

175.5972, 0.3189,
0.3356

■ 13.8016, 0.3272,
0.3443

215.9932, 0.3185,
0.3351

■ 7.9828, 0.3301,
0.3474

262.1531, 0.3181,
0.3348

■ 4.0840, 0.3344,
0.3520

314.4612, 0.3178,

■ 1.7206, 0.3417,

0.3344

0.3597

373.3021, 0.3175,
0.3341

0.4370, 0.4083,
0.4301

0.0000, 0.0000,
0.0000

63.9641, 0.3214,
0.3382

63.9641, 0.3214,
0.3382

59.6177, 0.3380,
0.3551

68.6112, 0.3064,
0.3222

55.5559, 0.3562,
0.3726

73.5579, 0.2930,
0.3072

51.7734, 0.3758,
0.3901

78.1615, 0.2866,
0.3031

48.2616, 0.3965,
0.4071

82.2128, 0.2869,
0.3107

■ 45.0111, 0.4177,
0.4224

■ 86.4279, 0.2873,
0.3182

■ 42.0118, 0.4385,
0.4351

■ 90.8086, 0.2876,
0.3256

■ 39.2528, 0.4580,
0.4439

■ 92.8906, 0.2877,
0.3289

■ 36.7212, 0.4750,
0.4481

■ 34.4021, 0.4889,
0.4471

Harmonies

Analogous

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



63.9641, 0.3236, 0.3353



63.9641, 0.3214, 0.3382



63.9641, 0.3168, 0.3386

Triad

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



63.9641, 0.3214, 0.3382



63.9641, 0.3026, 0.3271



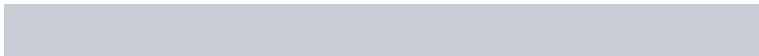
63.9641, 0.3142, 0.3218

Complementary

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



63.9641, 0.3214, 0.3382



60.8806, 0.3041, 0.3196

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.



63.9641, 0.3086, 0.3196



63.9641, 0.3214, 0.3382



63.9641, 0.3019, 0.3226

Square

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



63.9641, 0.3214, 0.3382



63.9641, 0.3060, 0.3322



63.9641, 0.3041, 0.3199



63.9641, 0.3194, 0.3259

Rectangle

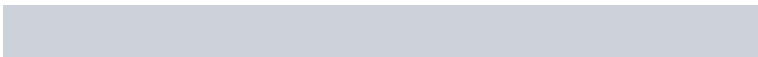
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.9641, 0.3214, 0.3382



63.9641, 0.3131, 0.3374



63.9641, 0.3041, 0.3199



63.9641, 0.3123, 0.3208

Sweetspot

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



63.9669, 0.3214, 0.3382



98.5934, 0.3158, 0.3323



60.3259, 0.3190, 0.3242



21.1179, 0.3156, 0.3321



0.0000, 0.0000, 0.0000



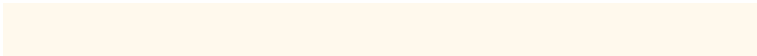
21.4041, 0.3127, 0.3290

Same Dimension

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



63.9669, 0.3214, 0.3382



95.1566, 0.3236, 0.3405



65.7006, 0.3197, 0.3428



13.9724, 0.3244, 0.3413



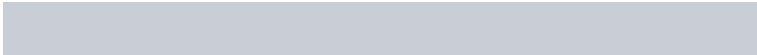
20.6221, 0.4929, 0.4468



1.3933, 0.4771, 0.4594

Inverse Universe

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



60.8806, 0.3041, 0.3196



89.4200, 0.3019, 0.3172



59.2293, 0.3055, 0.3149



13.0742, 0.3012, 0.3164



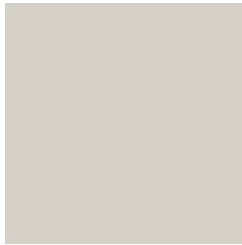
5.8695, 0.1637, 0.1091



0.5043, 0.1734, 0.1443

Previews

White Background



This preview shows how the Yxy color 63.9641, 0.3214, 0.3382 looks on a white background.

Color Contrast Check

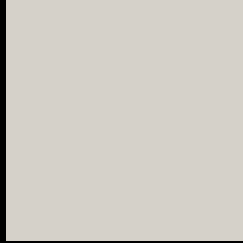
Large Text (above 18pt) WCAG AA × Fail

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 63.9641, 0.3214, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

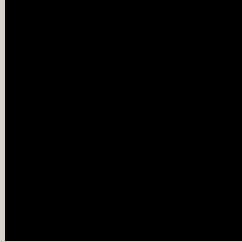
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

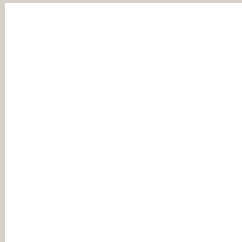
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9641, 0.3214, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 63.9641, 0.3214, 0.3382.

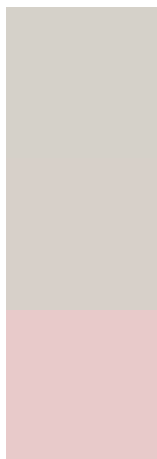


This preview shows how white text looks on a background with the Yxy color 63.9641, 0.3214, 0.3382.

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

63.9641, 0.3214, 0.3382

Protanopia

63.7759, 0.3230, 0.3370

Deuteranopia

63.6611, 0.3363, 0.3291



Tritanopia

64.0155, 0.3091, 0.3112

Trichromacy



Original Color

63.9641, 0.3214, 0.3382

Protanomaly

63.6249, 0.3222, 0.3370

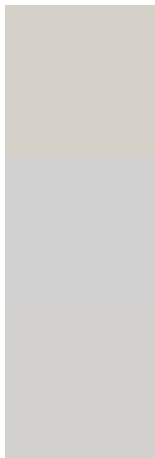
Deuteranomaly

63.9345, 0.3304, 0.3324

Tritanomaly

63.9278, 0.3138, 0.3211

Monochromacy



Original Color

63.9641, 0.3214, 0.3382

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.7588, 0.3156, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9641, 0.3214, 0.3382 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(213, 209, 201)` looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 201)  
}
```

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(213, 209, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 201) }
```

Border

The CSS property to change the border of an element to Yxy 63.9641, 0.3214, 0.3382 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(213, 209, 201) }
```

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

```
.border{ border-color:rgb(213, 209, 201) }
```

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

Here you see how a box with a 4 pixel rgb(213, 209, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 209, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 209, 201);  
box-shadow:4px 4px 4px 4px rgb(213, 209,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9641, 0.3214, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 209, 201) }
```

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

```
.background{ background-color: rgb(213,  
209, 201) }
```

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