

Converting Colors

Yxy(63.8902, 0.3212, 0.3364)

Have a look what the booklet for
Yxy(63.8902, 0.3212, 0.3364)
contains.

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Color

Yxy(64.1613, 0.3214, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	D6D1CA
RGB	214, 209, 202
RGB Percent	84%, 82%, 79%
CMY	0.1608, 0.1804, 0.2078
CMYK	0.00, 0.02, 0.06, 0.16
HSL	35°, 13%, 82%
HSV	35°, 6%, 84%
XYZ	61.1912, 64.1613, 65.0371
YIQ	209.6970, 5.2270, -1.1170

Conversions

Conversions Part 2

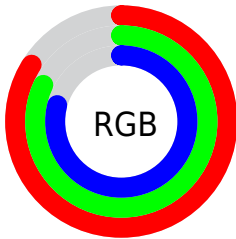
Format	Color
R _Y B	211, 214, 202
Decimal	14078410
CIE Lab	84.05, 0.49, 4.07
CIE LCh	84, 4.095, 83.136
Yxy	64.1613, 0.3214, 0.3370
Android (android.graphics.Color)	4292268490 (0xFFD6D1CA)
YUV	209.6970, -3.7946, 3.7737
Hunter-Lab	80.1007, -3.8151, 7.9305

Details

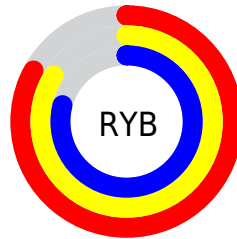
The Yxy color **64.1613, 0.3214, 0.3370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0322, 0.3042, 0.3209**, and the grayscale version is **64.2636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.9517, 0.3232, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **58.9737, 0.3384, 0.3519**, and if you desaturate by 10%, it is **69.7390, 0.3063, 0.3229**.

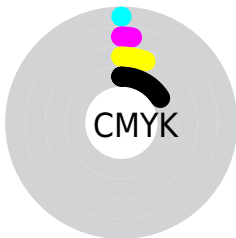
Distribution



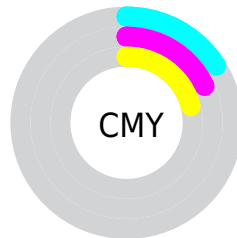
- Red (84%)
- Green (82%)
- Blue (79%)



- Red (83%)
- 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 64.1613, 0.3214, 0.3370 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 64.1613, 0.3214, 0.3370 by changing the saturation by 10% instead.

■ 64.1613, 0.3214,
0.3370

■ 64.1613, 0.3214,
0.3370

439.7719, 0.3173,
0.3332

■ 46.7813, 0.3224,
0.3379

110.8432, 0.3200,
0.3357

■ 32.8628, 0.3236,
0.3390

140.9139, 0.3194,
0.3352

■ 22.0214, 0.3251,
0.3404

175.9837, 0.3189,
0.3347

■ 13.8726, 0.3272,
0.3423

216.4369, 0.3185,
0.3343

■ 8.0321, 0.3301,
0.3449

262.6579, 0.3181,
0.3340

■ 4.1155, 0.3344,
0.3489

315.0311, 0.3178,

■ 1.7384, 0.3417,

0.3337

373.9410, 0.3175,
0.3335

0.3554

0.4483, 0.4018,
0.4112

0.0000, 0.0000,
0.0000

64.1613, 0.3214,
0.3370

64.1613, 0.3214,
0.3370

58.9737, 0.3384,
0.3519

69.7390, 0.3063,
0.3229

54.1582, 0.3574,
0.3674

75.7076, 0.2930,
0.3098

49.7073, 0.3783,
0.3830

81.3364, 0.2874,
0.3089

45.6103, 0.4009,
0.3981

86.5808, 0.2878,
0.3182

■ 41.8557, 0.4246,
0.4118

■ 92.0841, 0.2882,
0.3274

■ 38.4312, 0.4487,
0.4229

■ 93.0352, 0.2883,
0.3289

■ 35.3231, 0.4718,
0.4302

■ 32.5165, 0.4928,
0.4326

■ 29.9937, 0.5103,
0.4297

Harmonies

Analogous

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



64.1613, 0.3228, 0.3339



64.1613, 0.3214, 0.3370



64.1613, 0.3176, 0.3380

Triad

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



64.1613, 0.3214, 0.3370



64.1613, 0.3040, 0.3284



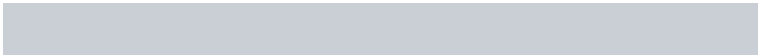
64.1613, 0.3128, 0.3217

Complementary

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



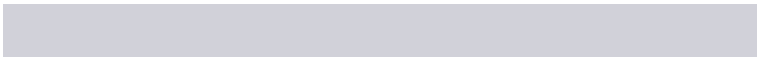
64.1613, 0.3214, 0.3370



62.0322, 0.3042, 0.3209

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.



64.1613, 0.3078, 0.3202



64.1613, 0.3214, 0.3370



64.1613, 0.3027, 0.3240

Square

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



64.1613, 0.3214, 0.3370



64.1613, 0.3076, 0.3330



64.1613, 0.3041, 0.3210



64.1613, 0.3178, 0.3251

Rectangle

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



64.1613, 0.3214, 0.3370



64.1613, 0.3143, 0.3372



64.1613, 0.3041, 0.3210



64.1613, 0.3111, 0.3210

Sweetspot

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



64.1641, 0.3214, 0.3370



98.3301, 0.3158, 0.3319



61.0425, 0.3184, 0.3233



21.0643, 0.3156, 0.3317



0.0000, 0.0000, 0.0000



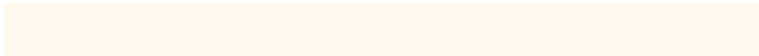
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1641, 0.3214, 0.3370



94.2581, 0.3238, 0.3391



66.4998, 0.3202, 0.3426



13.8316, 0.3245, 0.3398



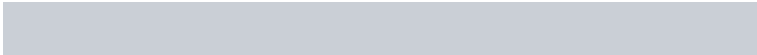
17.7170, 0.5156, 0.4288



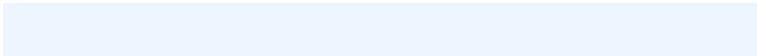
1.2303, 0.4945, 0.4455

Inverse Universe

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



62.0322, 0.3042, 0.3209



90.2972, 0.3019, 0.3187



59.7938, 0.3050, 0.3151



13.2115, 0.3012, 0.3179



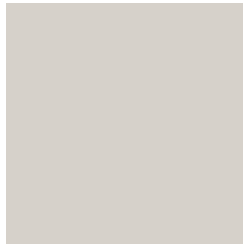
7.4475, 0.1700, 0.1320



0.6105, 0.1795, 0.1663

Previews

White Background



This preview shows how the Yxy color 64.1613, 0.3214, 0.3370 looks on a white background.

Color Contrast Check

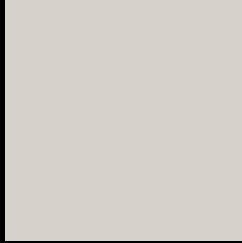
Large Text (above 18pt) WCAG AA × Fail

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 64.1613, 0.3214, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

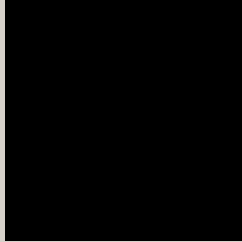
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

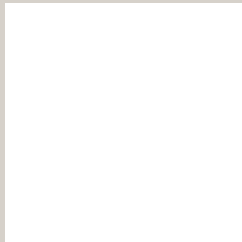
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1613, 0.3214, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 64.1613, 0.3214, 0.3370.

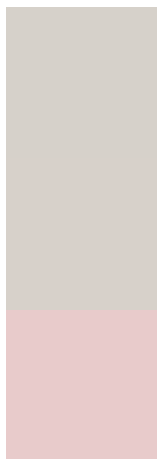


This preview shows how white text looks on a background with the Yxy color 64.1613, 0.3214, 0.3370.

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

64.1613, 0.3214, 0.3370

Protanopia

64.3123, 0.3222, 0.3370

Deuteranopia

64.1795, 0.3354, 0.3291



Tritanopia

64.1683, 0.3098, 0.3112

Trichromacy



Original Color

64.1613, 0.3214, 0.3370

Protanomaly

64.3123, 0.3222, 0.3370

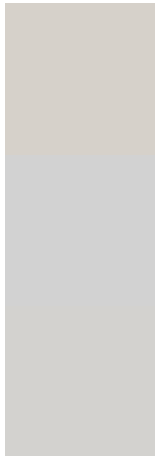
Deuteranomaly

63.9820, 0.3296, 0.3313

Tritanomaly

64.1309, 0.3139, 0.3200

Monochromacy



Original Color

64.1613, 0.3214, 0.3370

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.4471, 0.3155, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1613, 0.3214, 0.3370 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, 209, 202) looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 202)  
}
```

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, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 202) }
```

Border

The CSS property to change the border of an element to Yxy 64.1613, 0.3214, 0.3370 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, 209, 202) }
```

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

```
.border{ border-color:rgb(214, 209, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 209, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1613, 0.3214, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 202) }
```

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

```
.background{ background-color: rgb(214,  
209, 202) }
```

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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