

Converting Colors

$Yxy(65.6745, 0.3204, 0.3385)$

Have a look what the booklet for
Yxy(65.6745, 0.3204, 0.3385)
contains.

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Color

Yxy(65.6949, 0.3204, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	D6D4CB
RGB	214, 212, 203
RGB Percent	84%, 83%, 80%
CMY	0.1608, 0.1686, 0.2038
CMYK	0.00, 0.01, 0.05, 0.16
HSL	49°, 12%, 82%
HSV	49°, 5%, 84%
XYZ	62.0538, 65.6949, 65.9273
YIQ	211.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

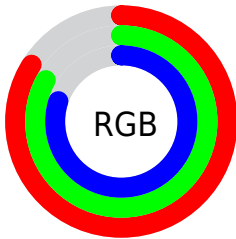
Format	Color
R _Y B	205, 214, 203
Decimal	14079179
CIE Lab	84.84, -0.90, 4.66
CIE LCh	85, 4.750, 100.927
Yxy	65.6949, 0.3204, 0.3392
Android (android.graphics.Color)	4292269259 (0xFFD6D4CB)
YUV	211.5720, -4.2260, 2.1294
Hunter-Lab	81.0524, -5.1819, 8.5107

Details

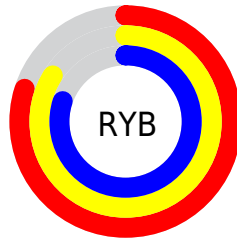
The Yxy color **65.6949, 0.3204, 0.3392** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2214, 0.3050, 0.3186**, and the grayscale version is **65.5674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.6548, 0.3220, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **62.8379, 0.3362, 0.3598**, and if you desaturate by 10%, it is **68.7446, 0.3057, 0.3195**.

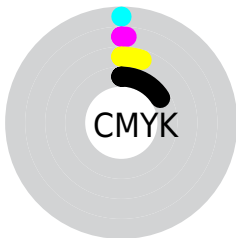
Distribution



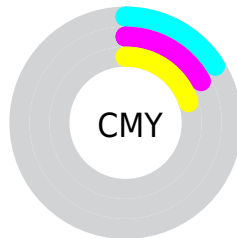
- Red (84%)
- Green (83%)
- Blue (80%)



- Red (80%)
- Yellow (84%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.6949, 0.3204, 0.3392 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 65.6949, 0.3204, 0.3392 by changing the saturation by 10% instead.

■ 65.6949, 0.3204,
0.3392

■ 65.6949, 0.3204,
0.3392

445.2849, 0.3168,
0.3344

■ 48.0248, 0.3212,
0.3403

113.0483, 0.3191,
0.3375

■ 33.8465, 0.3223,
0.3417

143.5004, 0.3186,
0.3369

■ 22.7757, 0.3236,
0.3435

178.9819, 0.3182,
0.3363

■ 14.4280, 0.3254,
0.3459

219.8773, 0.3179,
0.3358

■ 8.4189, 0.3279,
0.3493

266.5709, 0.3175,
0.3354

■ 4.3642, 0.3316,
0.3543

319.4471, 0.3173,

■ 1.8793, 0.3377,

0.3350

0.3626

378.8903, 0.3170,
0.3347

■ 0.5359, 0.3806,
0.4184

■ 0.0000, 0.0000,
0.0000

■ 65.6949, 0.3204,
0.3392

■ 65.6949, 0.3204,
0.3392

■ 62.8379, 0.3362,
0.3598

■ 68.7446, 0.3057,
0.3195

■ 60.1591, 0.3530,
0.3809

■ 71.9843, 0.2922,
0.3011

■ 57.6549, 0.3703,
0.4019

■ 74.6095, 0.2869,
0.2959

■ 55.3183, 0.3877,
0.4219

■ 76.7050, 0.2870,
0.3001

■ 53.1418, 0.4045,
0.4401

■ 78.8481, 0.2872,
0.3042

■ 51.1172, 0.4201,
0.4554

■ 81.0389, 0.2874,
0.3083

■ 49.2352, 0.4336,
0.4669

■ 83.2778, 0.2876,
0.3124

■ 47.4851, 0.4445,
0.4740

■ 85.5650, 0.2877,
0.3164

■ 45.8539, 0.4524,
0.4763

■ 87.9009, 0.2879,
0.3205

Harmonies

Analogous

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



65.6949, 0.3238, 0.3370



65.6949, 0.3204, 0.3392



65.6949, 0.3150, 0.3386

Triad

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



65.6949, 0.3204, 0.3392



65.6949, 0.3015, 0.3252



65.6949, 0.3164, 0.3227

Complementary

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



65.6949, 0.3204, 0.3392



61.2214, 0.3050, 0.3186

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.



65.6949, 0.3104, 0.3196



65.6949, 0.3204, 0.3392



65.6949, 0.3018, 0.3210

Square

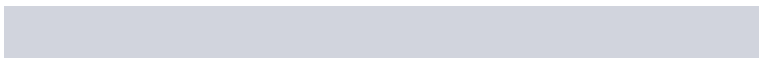
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.6949, 0.3204, 0.3392



65.6949, 0.3041, 0.3305



65.6949, 0.3050, 0.3190



65.6949, 0.3214, 0.3275

Rectangle

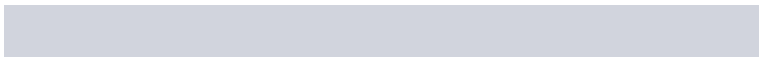
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.6949, 0.3204, 0.3392



65.6949, 0.3110, 0.3368



65.6949, 0.3050, 0.3190



65.6949, 0.3144, 0.3215

Sweetspot

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



65.6978, 0.3204, 0.3392



99.0897, 0.3157, 0.3330



61.4295, 0.3197, 0.3267



21.2189, 0.3156, 0.3328



0.0000, 0.0000, 0.0000



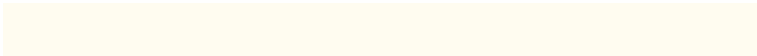
21.4041, 0.3127, 0.3290

Same Dimension

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



65.6978, 0.3204, 0.3392



97.3035, 0.3218, 0.3411



66.1765, 0.3176, 0.3415



14.3003, 0.3227, 0.3422



27.3979, 0.4550, 0.4769



1.7543, 0.4478, 0.4827

Inverse Universe

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



61.2214, 0.3050, 0.3186



89.4727, 0.3035, 0.3166



60.7735, 0.3076, 0.3164



13.0493, 0.3027, 0.3155



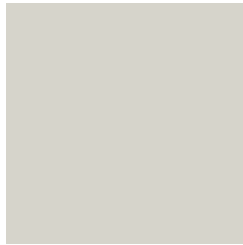
3.9066, 0.1548, 0.0773



0.3469, 0.1632, 0.1073

Previews

White Background



This preview shows how the Yxy color 65.6949, 0.3204, 0.3392 looks on a white background.

Color Contrast Check

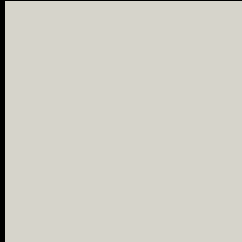
Large Text (above 18pt) WCAG AA × Fail

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 65.6949, 0.3204, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

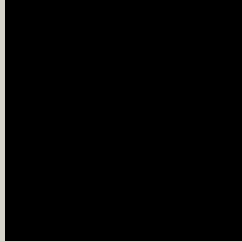
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

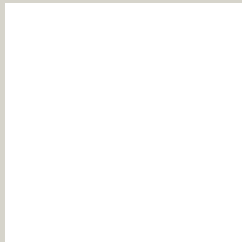
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6949, 0.3204, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 65.6949, 0.3204, 0.3392.

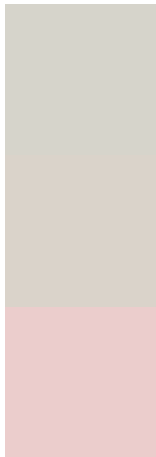


This preview shows how white text looks on a background with the Yxy color 65.6949, 0.3204, 0.3392.

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

65.6949, 0.3204, 0.3392

Protanopia

65.7582, 0.3243, 0.3392

Deuteranopia

65.6844, 0.3367, 0.3302



Tritanopia

65.7889, 0.3076, 0.3114

Trichromacy



Original Color

65.6949, 0.3204, 0.3392

Protanomaly

65.6045, 0.3235, 0.3392

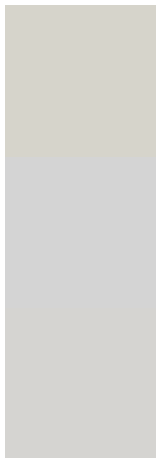
Deuteranomaly

65.8023, 0.3301, 0.3335

Tritanomaly

65.7019, 0.3123, 0.3212

Monochromacy



Original Color

65.6949, 0.3204, 0.3392

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8366, 0.3155, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6949, 0.3204, 0.3392 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 $rgb(214, 212, 203)$ looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 203)  
}
```

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, 212, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 203) }
```

Border

The CSS property to change the border of an element to Yxy 65.6949, 0.3204, 0.3392 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, 212, 203) }
```

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

```
.border{ border-color:rgb(214, 212, 203) }
```

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

Here you see how a box with a 4 pixel rgb(214, 212, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 203);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6949, 0.3204, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 203) }
```

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

```
.background{ background-color: rgb(214,  
212, 203) }
```

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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