

Converting Colors

$Yxy(65.0109, 0.3233, 0.3336)$

Have a look what the booklet for
Yxy(65.0109, 0.3233, 0.3336)
contains.

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Color

Yxy(65.0688, 0.3231, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	DBD1CD
RGB	219, 209, 205
RGB Percent	86%, 82%, 80%
CMY	0.1411, 0.1804, 0.1960
CMYK	0.00, 0.05, 0.06, 0.14
HSL	17°, 16%, 83%
HSV	17°, 6%, 86%
XYZ	63.0397, 65.0688, 67.0004
YIQ	211.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

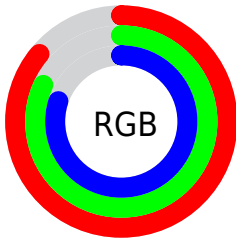
Format	Color
R _Y B	219, 211, 205
Decimal	14406093
CIE Lab	84.52, 2.77, 3.20
CIE LCh	85, 4.230, 49.091
Yxy	65.0688, 0.3231, 0.3335
Android (android.graphics.Color)	4292596173 (0xFFDBD1CD)
YUV	211.5340, -3.2213, 6.5477
Hunter-Lab	80.6652, -1.6669, 7.2195

Details

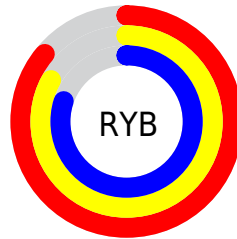
The Yxy color **65.0688, 0.3231, 0.3335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7174, 0.3029, 0.3245**, and the grayscale version is **65.5351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.5696, 0.3254, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **56.7706, 0.3419, 0.3409**, and if you desaturate by 10%, it is **74.2773, 0.3074, 0.3266**.

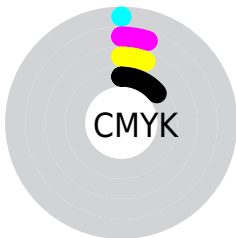
Distribution



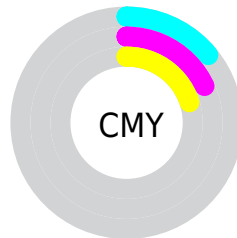
- Red (86%)
- Green (82%)
- Blue (80%)



- Red (86%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0688, 0.3231, 0.3335 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 65.0688, 0.3231, 0.3335 by changing the saturation by 10% instead.

■ 65.0688, 0.3231,
0.3335

■ 65.0688, 0.3231,
0.3335

443.0392, 0.3182,
0.3314

■ 47.5169, 0.3243,
0.3340

112.1488, 0.3214,
0.3328

■ 33.4444, 0.3257,
0.3346

142.4456, 0.3207,
0.3325

■ 22.4671, 0.3275,
0.3354

177.7595, 0.3201,
0.3322

■ 14.2005, 0.3300,
0.3364

218.4749, 0.3196,
0.3320

■ 8.2603, 0.3335,
0.3378

264.9762, 0.3192,
0.3318

■ 4.2619, 0.3386,
0.3398

317.6477, 0.3188,

■ 1.8211, 0.3472,

0.3317

0.3432

376.8739, 0.3185,
0.3315

0.5003, 0.3980,
0.3666

0.0000, 0.0000,
0.0000

65.0688, 0.3231,
0.3335

65.0688, 0.3231,
0.3335

56.7706, 0.3419,
0.3409

74.2773, 0.3074,
0.3266

49.3464, 0.3641,
0.3488

84.4143, 0.2942,
0.3202

42.7697, 0.3904,
0.3567

93.8040, 0.2912,
0.3289

37.0096, 0.4209,
0.3641

■ 32.0331, 0.4554,
0.3705

■ 27.8050, 0.4927,
0.3746

■ 24.2870, 0.5305,
0.3754

■ 21.4373, 0.5652,
0.3718

■ 19.2082, 0.5931,
0.3637

Harmonies

Analogous

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



65.0688, 0.3214, 0.3289



65.0688, 0.3231, 0.3335



65.0688, 0.3220, 0.3369

Triad

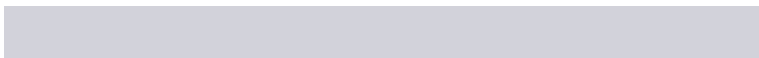
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.0688, 0.3231, 0.3335



65.0688, 0.3081, 0.3336



65.0688, 0.3070, 0.3199

Complementary

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



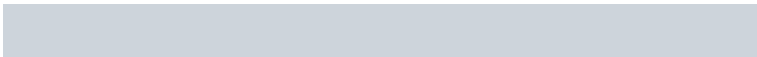
65.0688, 0.3231, 0.3335



66.7174, 0.3029, 0.3245

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.



65.0688, 0.3035, 0.3211



65.0688, 0.3231, 0.3335



65.0688, 0.3041, 0.3290

Square

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



65.0688, 0.3231, 0.3335



65.0688, 0.3133, 0.3370



65.0688, 0.3025, 0.3244



65.0688, 0.3121, 0.3212

Rectangle

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



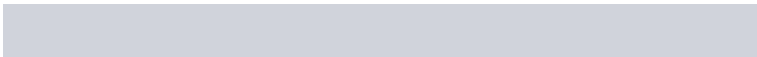
65.0688, 0.3231, 0.3335



65.0688, 0.3198, 0.3381



65.0688, 0.3025, 0.3244



65.0688, 0.3056, 0.3201

Sweetspot

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



65.0716, 0.3231, 0.3335



97.3694, 0.3159, 0.3304



63.6409, 0.3163, 0.3178



20.8687, 0.3157, 0.3303



0.0000, 0.0000, 0.0000



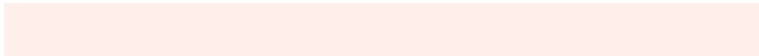
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0716, 0.3231, 0.3335



89.7923, 0.3260, 0.3347



68.5784, 0.3224, 0.3413



13.6516, 0.3284, 0.3357



11.1532, 0.5991, 0.3625



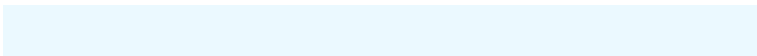
0.8678, 0.5667, 0.3882

Inverse Universe

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



66.7174, 0.3029, 0.3245



92.6879, 0.3003, 0.3232



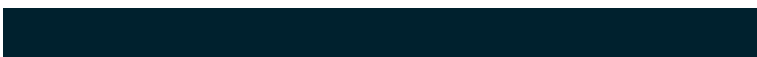
63.2312, 0.3030, 0.3164



14.1711, 0.2982, 0.3222



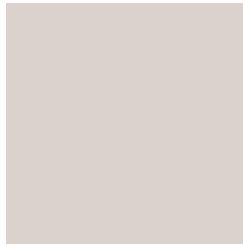
17.4685, 0.1984, 0.2342



1.2756, 0.2032, 0.2515

Previews

White Background



This preview shows how the Yxy color 65.0688, 0.3231, 0.3335 looks on a white background.

Color Contrast Check

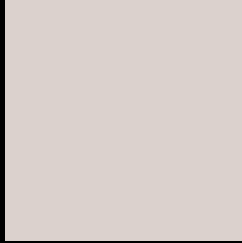
Large Text (above 18pt) WCAG AA × Fail

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 65.0688, 0.3231, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

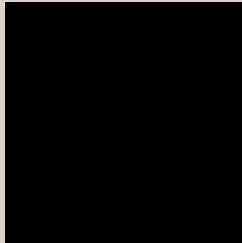
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

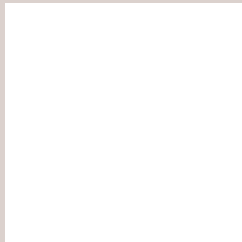
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0688, 0.3231, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 65.0688, 0.3231, 0.3335.

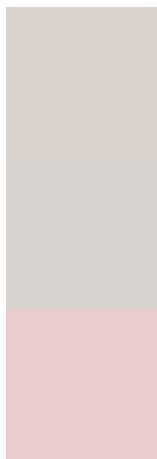


This preview shows how white text looks on a background with the Yxy color 65.0688, 0.3231, 0.3335.

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

65.0688, 0.3231, 0.3335

Protanopia

65.1483, 0.3200, 0.3335

Deuteranopia

64.9656, 0.3338, 0.3269



Tritanopia

64.9999, 0.3128, 0.3104

Trichromacy



Original Color

65.0688, 0.3231, 0.3335

Protanomaly

65.3011, 0.3208, 0.3335

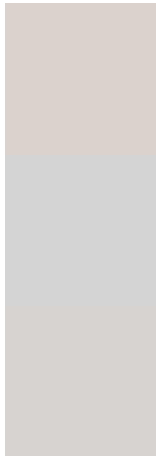
Deuteranomaly

65.0928, 0.3296, 0.3291

Tritanomaly

64.9557, 0.3170, 0.3191

Monochromacy



Original Color

65.0688, 0.3231, 0.3335

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.6391, 0.3171, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0688, 0.3231, 0.3335 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(219, 209, 205) looks like.

```
.text, #text, p{  
    color:rgb(219, 209, 205)  
}
```

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(219, 209, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 209, 205) }
```

Border

The CSS property to change the border of an element to Yxy 65.0688, 0.3231, 0.3335 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(219, 209, 205) }
```

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

```
.border{ border-color:rgb(219, 209, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 209, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 209, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 209, 205);  
box-shadow:4px 4px 4px 4px rgb(219, 209,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0688, 0.3231, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 209, 205) }
```

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

```
.background{ background-color: rgb(219,  
209, 205) }
```

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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