

Converting Colors

$Y_{xy}(65.0622, 0.3215, 0.3315)$

Have a look what the booklet for
Yxy(65.0622, 0.3215, 0.3315)
contains.

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Color

Yxy(65.1660, 0.3217, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	DBD1CF
RGB	219, 209, 207
RGB Percent	86%, 82%, 81%
CMY	0.1411, 0.1804, 0.1884
CMYK	0.00, 0.05, 0.06, 0.14
HSL	10°, 14%, 84%
HSV	10°, 6%, 86%
XYZ	63.2777, 65.1660, 68.2542
YIQ	211.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

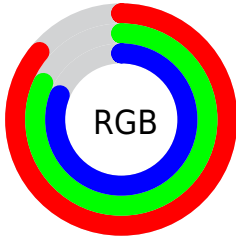
Format	Color
R _Y B	219, 209, 207
Decimal	14406095
CIE Lab	84.57, 3.10, 2.23
CIE LCh	85, 3.820, 35.688
Yxy	65.1660, 0.3217, 0.3313
Android (android.graphics.Color)	4292596175 (0xFFDDBD1CF)
YUV	211.7620, -2.3477, 6.3477
Hunter-Lab	80.7255, -1.3500, 6.3776

Details

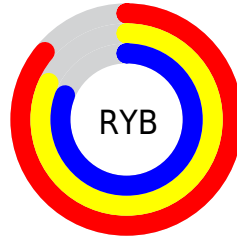
The Yxy color **65.1660, 0.3217, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9963, 0.3042, 0.3267**, and the grayscale version is **65.6868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.6351, 0.3235, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **55.7409, 0.3407, 0.3357**, and if you desaturate by 10%, it is **75.7665, 0.3061, 0.3272**.

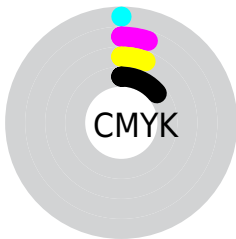
Distribution



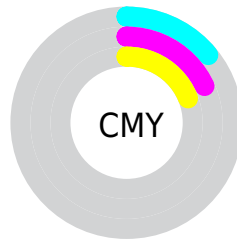
- Red (86%)
- Green (82%)
- Blue (81%)



- Red (86%)
- Yellow (82%)
- Blue (81%)



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



- Cyan (14%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1660, 0.3217, 0.3313 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 65.1660, 0.3217, 0.3313 by changing the saturation by 10% instead.

■ 65.1660, 0.3217,
0.3313

■ 65.1660, 0.3217,
0.3313

443.3883, 0.3175,
0.3302

■ 47.5957, 0.3227,
0.3315

112.2885, 0.3202,
0.3309

■ 33.5068, 0.3239,
0.3318

142.6094, 0.3196,
0.3308

■ 22.5150, 0.3255,
0.3322

177.9494, 0.3191,
0.3307

■ 14.2358, 0.3277,
0.3327

218.6928, 0.3187,
0.3306

■ 8.2848, 0.3306,
0.3334

265.2240, 0.3183,
0.3305

■ 4.2778, 0.3351,
0.3344

317.9274, 0.3180,

■ 1.8301, 0.3425,

0.3304

377.1873, 0.3177,
0.3303

0.3361

0.5058, 0.3819,
0.3471

0.0000, 0.0000,
0.0000

65.1660, 0.3217,
0.3313

65.1660, 0.3217,
0.3313

55.7409, 0.3407,
0.3357

75.7665, 0.3061,
0.3272

47.4423, 0.3639,
0.3404

87.5722, 0.2932,
0.3234

40.2305, 0.3918,
0.3452

93.8034, 0.2912,
0.3289

34.0602, 0.4250,
0.3496

■ 28.8830, 0.4632,
0.3533

■ 24.6463, 0.5053,
0.3554

■ 21.2928, 0.5479,
0.3550

■ 18.7589, 0.5862,
0.3516

■ 16.9717, 0.6147,
0.3453

Harmonies

Analogous

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



65.1660, 0.3191, 0.3271



65.1660, 0.3217, 0.3313



65.1660, 0.3218, 0.3350

Triad

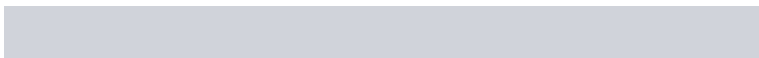
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.1660, 0.3217, 0.3313



65.1660, 0.3106, 0.3348



65.1660, 0.3059, 0.3210

Complementary

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



65.1660, 0.3217, 0.3313



67.9963, 0.3042, 0.3267

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.



65.1660, 0.3037, 0.3230



65.1660, 0.3217, 0.3313



65.1660, 0.3063, 0.3309

Square

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



65.1660, 0.3217, 0.3313



65.1660, 0.3154, 0.3370



65.1660, 0.3038, 0.3266



65.1660, 0.3100, 0.3212

Rectangle

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



65.1660, 0.3217, 0.3313



65.1660, 0.3206, 0.3366



65.1660, 0.3038, 0.3266



65.1660, 0.3049, 0.3215

Sweetspot

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



65.1688, 0.3217, 0.3313



97.0005, 0.3159, 0.3298



64.6846, 0.3147, 0.3179



20.7936, 0.3157, 0.3298



0.0000, 0.0000, 0.0000



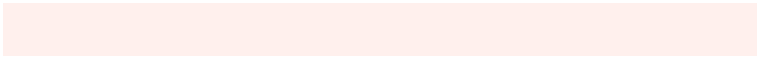
21.4041, 0.3127, 0.3290

Same Dimension

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



65.1688, 0.3217, 0.3313



89.7980, 0.3244, 0.3320



68.1697, 0.3212, 0.3380



13.8030, 0.3253, 0.3322



9.8208, 0.6224, 0.3440



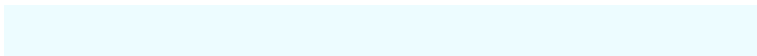
0.7466, 0.5932, 0.3672

Inverse Universe

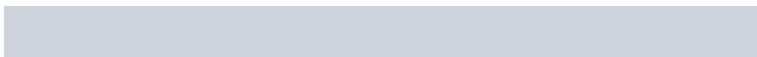
The Inverse Universe completely reimagines the original color for something new.



67.9963, 0.3042, 0.3267



94.8645, 0.3018, 0.3260



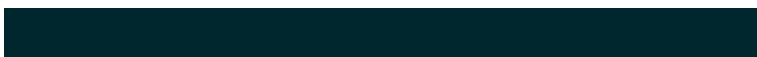
64.9585, 0.3043, 0.3199



14.6390, 0.3011, 0.3258



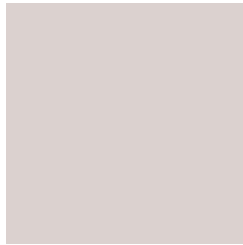
23.0257, 0.2096, 0.2746



1.5928, 0.2123, 0.2844

Previews

White Background



This preview shows how the Yxy color 65.1660, 0.3217, 0.3313 looks on a white background.

Color Contrast Check

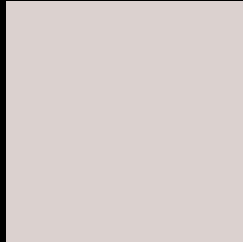
Large Text (above 18pt) WCAG AA × Fail

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 65.1660, 0.3217, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

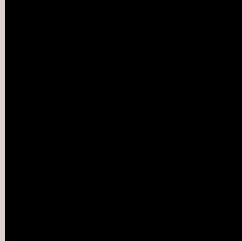
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

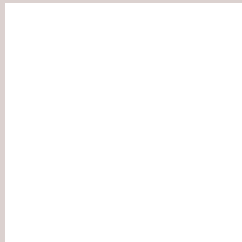
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1660, 0.3217, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 65.1660, 0.3217, 0.3313.

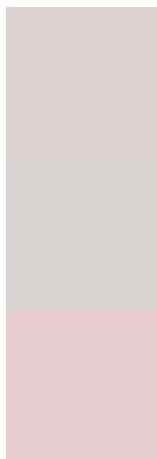


This preview shows how white text looks on a background with the Yxy color 65.1660, 0.3217, 0.3313.

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

65.1660, 0.3217, 0.3313

Protanopia

65.2462, 0.3186, 0.3313

Deuteranopia

64.8956, 0.3315, 0.3247



Tritanopia

65.3255, 0.3120, 0.3114

Trichromacy



Original Color

65.1660, 0.3217, 0.3313

Protanomaly

65.3990, 0.3194, 0.3313

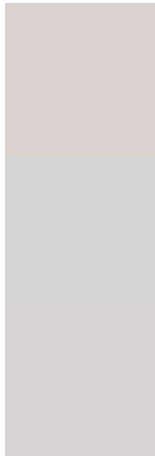
Deuteranomaly

65.0276, 0.3274, 0.3268

Tritanomaly

65.3371, 0.3154, 0.3191

Monochromacy



Original Color

65.1660, 0.3217, 0.3313

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.6887, 0.3164, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1660, 0.3217, 0.3313 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, 207) looks like.

```
.text, #text, p{  
    color:rgb(219, 209, 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(219, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 209, 207) }
```

Border

The CSS property to change the border of an element to Yxy 65.1660, 0.3217, 0.3313 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, 207) }
```

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

```
.border{ border-color:rgb(219, 209, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 209, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 209, 207); box-shadow:4px 4px 4px 4px rgb(219, 209, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1660, 0.3217, 0.3313 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, 207) }
```

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

```
.background{ background-color: rgb(219,  
209, 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](#).

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