

Converting Colors

$Yxy(67.0955, 0.3239, 0.3377)$

Have a look what the booklet for
Yxy(67.0955, 0.3239, 0.3377)
contains.

Yxy(67.2119, 0.3235, 0.3380)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.2119, 0.3235, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	DCD5CD
RGB	220, 213, 205
RGB Percent	86%, 84%, 80%
CMY	0.1372, 0.1647, 0.1963
CMYK	0.00, 0.03, 0.07, 0.14
HSL	32°, 18%, 83%
HSV	32°, 7%, 86%
XYZ	64.3285, 67.2119, 67.3113
YIQ	214.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

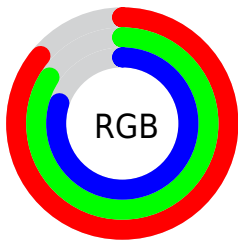
Format	Color
R _Y B	218, 220, 205
Decimal	14472653
CIE Lab	85.61, 1.02, 4.82
CIE LCh	86, 4.922, 78.086
Yxy	67.2119, 0.3235, 0.3380
Android (android.graphics.Color)	4292662733 (0xFFD5CD)
YUV	214.1810, -4.5262, 5.1033
Hunter-Lab	81.9829, -3.4085, 8.7085

Details

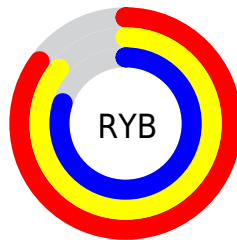
The Yxy color **67.2119, 0.3235, 0.3380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2136, 0.3022, 0.3198**, and the grayscale version is **67.4025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6874, 0.3260, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **61.2330, 0.3410, 0.3518**, and if you desaturate by 10%, it is **73.6717, 0.3081, 0.3250**.

Distribution



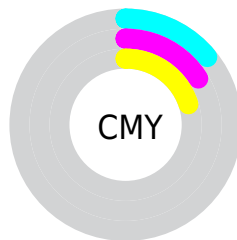
- Red (86%)
- Green (84%)
- Blue (80%)



- Red (85%)
- Yellow (86%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2119, 0.3235, 0.3380 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 67.2119, 0.3235, 0.3380 by changing the saturation by 10% instead.

■ 67.2119, 0.3235,
0.3380

■ 67.2119, 0.3235,
0.3380

450.6987, 0.3184,
0.3338

■ 49.2569, 0.3247,
0.3390

115.2240, 0.3217,
0.3365

■ 34.8233, 0.3261,
0.3402

146.0498, 0.3210,
0.3360

■ 23.5268, 0.3280,
0.3417

181.9347, 0.3205,
0.3355

■ 14.9830, 0.3305,
0.3438

223.2630, 0.3199,
0.3350

■ 8.8074, 0.3340,
0.3466

270.4192, 0.3195,
0.3347

■ 4.6158, 0.3391,
0.3508

323.7876, 0.3191,

■ 2.0236, 0.3475,

0.3343

383.7526, 0.3187,
0.3341

0.3575

0.6212, 0.3904,
0.3941

0.0000, 0.0000,
0.0000

67.2119, 0.3235,
0.3380

67.2119, 0.3235,
0.3380

61.2330, 0.3410,
0.3518

73.6717, 0.3081,
0.3250

55.7142, 0.3608,
0.3661

80.6154, 0.2946,
0.3129

50.6456, 0.3829,
0.3805

86.9859, 0.2914,
0.3174

46.0136, 0.4069,
0.3943

93.3161, 0.2917,
0.3279

■ 41.8041, 0.4325,
0.4066

■ 93.9587, 0.2917,
0.3289

■ 38.0015, 0.4587,
0.4162

■ 34.5891, 0.4840,
0.4219

■ 31.5482, 0.5071,
0.4225

■ 28.8564, 0.5265,
0.4177

Harmonies

Analogous

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



67.2119, 0.3247, 0.3340



67.2119, 0.3235, 0.3380



67.2119, 0.3194, 0.3396

Triad

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



67.2119, 0.3235, 0.3380



67.2119, 0.3030, 0.3292



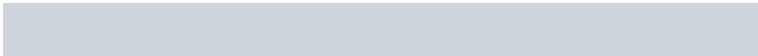
67.2119, 0.3118, 0.3199

Complementary

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



67.2119, 0.3235, 0.3380



65.2136, 0.3022, 0.3198

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.



67.2119, 0.3060, 0.3186



67.2119, 0.3235, 0.3380



67.2119, 0.3009, 0.3239

Square

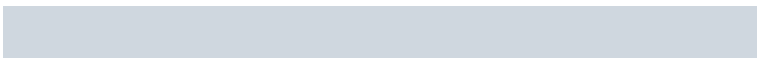
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2119, 0.3235, 0.3380



67.2119, 0.3076, 0.3345



67.2119, 0.3020, 0.3200



67.2119, 0.3178, 0.3236

Rectangle

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



67.2119, 0.3235, 0.3380



67.2119, 0.3156, 0.3391



67.2119, 0.3020, 0.3200



67.2119, 0.3097, 0.3192

Sweetspot

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



67.2148, 0.3235, 0.3380



98.1698, 0.3158, 0.3316



63.6129, 0.3192, 0.3212



21.0316, 0.3156, 0.3315



0.0000, 0.0000, 0.0000



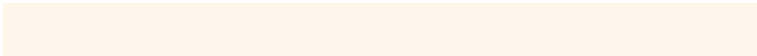
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2148, 0.3235, 0.3380



92.8425, 0.3255, 0.3396



70.7426, 0.3224, 0.3457



14.1978, 0.3278, 0.3415



16.6965, 0.5300, 0.4173



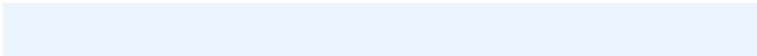
1.2536, 0.5071, 0.4355

Inverse Universe

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



65.2136, 0.3022, 0.3198



89.5760, 0.3003, 0.3181



61.8541, 0.3027, 0.3118



13.6118, 0.2982, 0.3162



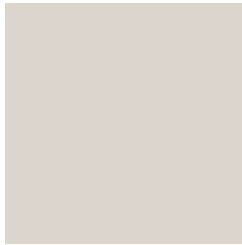
8.8811, 0.1743, 0.1473



0.7467, 0.1828, 0.1782

Previews

White Background



This preview shows how the Yxy color 67.2119, 0.3235, 0.3380 looks on a white background.

Color Contrast Check

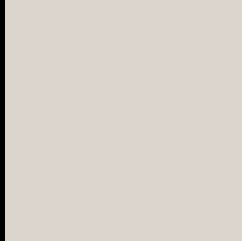
Large Text (above 18pt) WCAG AA × Fail

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 67.2119, 0.3235, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

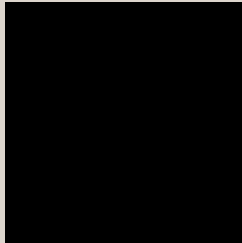
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

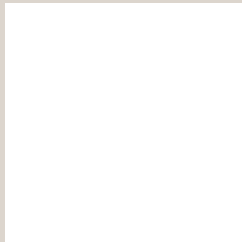
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2119, 0.3235, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 67.2119, 0.3235, 0.3380.

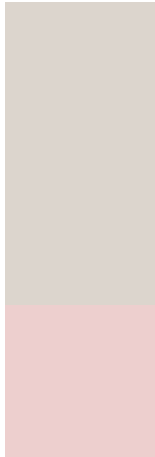


This preview shows how white text looks on a background with the Yxy color 67.2119, 0.3235, 0.3380.

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

67.2119, 0.3235, 0.3380

Protanopia

67.2119, 0.3235, 0.3380

Deuteranopia

67.0864, 0.3365, 0.3301



Tritanopia

67.2721, 0.3113, 0.3116

Trichromacy



Original Color

67.2119, 0.3235, 0.3380

Protanomaly

67.2119, 0.3235, 0.3380

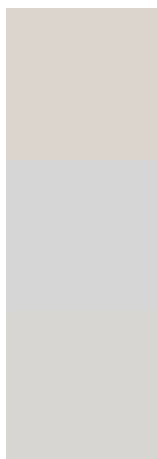
Deuteranomaly

67.0461, 0.3316, 0.3323

Tritanomaly

67.1801, 0.3160, 0.3213

Monochromacy



Original Color

67.2119, 0.3235, 0.3380

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3952, 0.3162, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2119, 0.3235, 0.3380 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(220, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(220, 213, 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(220, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 213, 205) }
```

Border

The CSS property to change the border of an element to Yxy 67.2119, 0.3235, 0.3380 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(220, 213, 205) }
```

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

```
.border{ border-color:rgb(220, 213, 205) }
```

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

Here you see how a box with a 4 pixel rgb(220, 213, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(220, 213,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2119, 0.3235, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 213, 205) }
```

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

```
.background{ background-color: rgb(220,  
213, 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](#).

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