

Converting Colors

Yxy(67.7351, 0.3157, 0.3426)

Have a look what the booklet for
Yxy(67.7351, 0.3157, 0.3426)
contains.

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Color

Yxy(67.7351, 0.3157, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	D2D9CD
RGB	210, 217, 205
RGB Percent	82%, 85%, 80%
CMY	0.1764, 0.1490, 0.1960
CMYK	0.03, 0.00, 0.06, 0.15
HSL	95°, 14%, 83%
HSV	95°, 6%, 85%
XYZ	62.4167, 67.7351, 67.5572
YIQ	213.5390, -0.3200, -5.2160

Conversions

Conversions Part 2

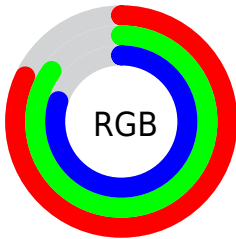
Format	Color
R _Y B	205, 217, 212
Decimal	13818317
CIE Lab	85.87, -4.51, 5.06
CIE LCh	86, 6.780, 131.699
Yxy	67.7351, 0.3157, 0.3426
Android (android.graphics.Color)	4292008397 (0xFFD2D9CD)
YUV	213.5390, -4.2097, -3.1037
Hunter-Lab	82.3013, -8.6543, 8.9427

Details

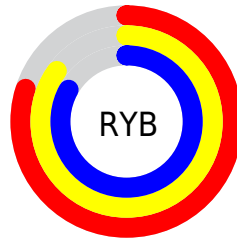
The Yxy color **67.7351, 0.3157, 0.3426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6821, 0.3096, 0.3155**, and the grayscale version is **66.9526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1429, 0.3167, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **64.9775, 0.3211, 0.3691**, and if you desaturate by 10%, it is **70.7907, 0.3103, 0.3185**.

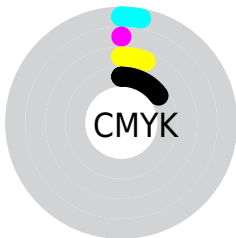
Distribution



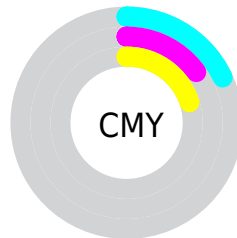
- Red (82%)
- Green (85%)
- Blue (80%)



- Red (80%)
- Yellow (85%)
- Blue (83%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7351, 0.3157, 0.3426 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 67.7351, 0.3157, 0.3426 by changing the saturation by 10% instead.

■ 67.7351, 0.3157,
0.3426

■ 67.7351, 0.3157,
0.3426

452.5569, 0.3143,
0.3362

■ 49.6823, 0.3160,
0.3441

115.9731, 0.3152,
0.3403

■ 35.1610, 0.3164,
0.3460

146.9271, 0.3150,
0.3395

■ 23.7869, 0.3169,
0.3484

182.9502, 0.3149,
0.3387

■ 15.1756, 0.3175,
0.3516

224.4268, 0.3147,
0.3381

■ 8.9427, 0.3184,
0.3561

271.7414, 0.3146,
0.3375

■ 4.7039, 0.3196,
0.3628

325.2784, 0.3145,

■ 2.0746, 0.3215,

0.3370

385.4221, 0.3144,
0.3366

0.3739

0.6503, 0.3359,
0.4300

0.0000, 0.0000,
0.0000

67.7351, 0.3157,
0.3426

67.7351, 0.3157,
0.3426

64.9775, 0.3211,
0.3691

70.7907, 0.3103,
0.3185

62.4997, 0.3261,
0.3978

74.1443, 0.3050,
0.2968

60.2948, 0.3307,
0.4281

76.7946, 0.3095,
0.2915

58.3524, 0.3343,
0.4592

78.1045, 0.3145,
0.2920

■ 56.6612, 0.3366,
0.4898

■ 55.2090, 0.3373,
0.5183

■ 53.9824, 0.3360,
0.5429

■ 52.9663, 0.3328,
0.5622

■ 52.1426, 0.3278,
0.5753

Harmonies

Analogous

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



67.7351, 0.3234, 0.3435



67.7351, 0.3157, 0.3426



67.7351, 0.3073, 0.3380

Triad

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



67.7351, 0.3157, 0.3426



67.7351, 0.2974, 0.3175



67.7351, 0.3252, 0.3270

Complementary

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



67.7351, 0.3157, 0.3426



62.6821, 0.3096, 0.3155

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.



67.7351, 0.3180, 0.3203



67.7351, 0.3157, 0.3426



67.7351, 0.3020, 0.3148

Square

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



67.7351, 0.3157, 0.3426



67.7351, 0.2968, 0.3233



67.7351, 0.3096, 0.3159



67.7351, 0.3289, 0.3344

Rectangle

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



67.7351, 0.3157, 0.3426



67.7351, 0.3024, 0.3334



67.7351, 0.3096, 0.3159



67.7351, 0.3231, 0.3246

Sweetspot

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



67.7380, 0.3157, 0.3426



99.1164, 0.3138, 0.3339



66.1523, 0.3213, 0.3367



21.2243, 0.3138, 0.3336



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.



67.7380, 0.3157, 0.3426



96.9830, 0.3165, 0.3466



67.0550, 0.3115, 0.3418



14.9890, 0.3168, 0.3478



31.4311, 0.3264, 0.5790



2.0861, 0.3393, 0.5688

Inverse Universe

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



62.6821, 0.3096, 0.3155



87.7504, 0.3087, 0.3116



63.3944, 0.3139, 0.3165



13.4655, 0.3084, 0.3103



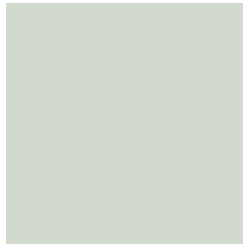
5.8035, 0.2198, 0.0985



0.4261, 0.2359, 0.1073

Previews

White Background



This preview shows how the Yxy color 67.7351, 0.3157, 0.3426 looks on a white background.

Color Contrast Check

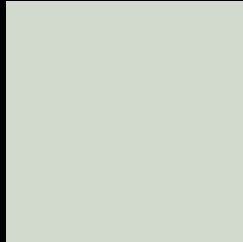
Large Text (above 18pt) WCAG AA × Fail

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 67.7351, 0.3157, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

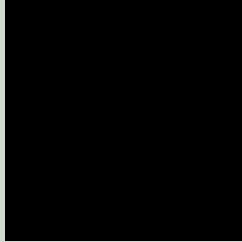
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

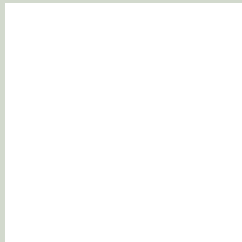
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7351, 0.3157, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 67.7351, 0.3157, 0.3426.

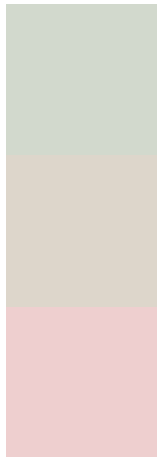


This preview shows how white text looks on a background with the Yxy color 67.7351, 0.3157, 0.3426.

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

67.7351, 0.3157, 0.3426

Protanopia

67.7771, 0.3255, 0.3413

Deuteranopia

67.3078, 0.3365, 0.3291



Tritanopia

67.5978, 0.3021, 0.3103

Trichromacy



Original Color

67.7351, 0.3157, 0.3426

Protanomaly

67.7122, 0.3217, 0.3414

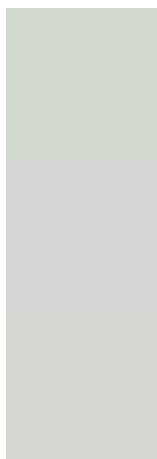
Deuteranomaly

67.5387, 0.3290, 0.3345

Tritanomaly

67.4597, 0.3073, 0.3212

Monochromacy



Original Color

67.7351, 0.3157, 0.3426

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.4502, 0.3140, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7351, 0.3157, 0.3426 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(210, 217, 205) looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 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(210, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 205) }
```

Border

The CSS property to change the border of an element to Yxy 67.7351, 0.3157, 0.3426 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(210, 217, 205) }
```

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

```
.border{ border-color:rgb(210, 217, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 217, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7351, 0.3157, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 217, 205) }
```

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

```
.background{ background-color: rgb(210,  
217, 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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