

Converting Colors

Yxy(69.6522, 0.3178, 0.3414)

Have a look what the booklet for
Yxy(69.6522, 0.3178, 0.3414)
contains.

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Color

Yxy(69.8160, 0.3179, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	D8DBD0
RGB	216, 219, 208
RGB Percent	85%, 86%, 82%
CMY	0.1530, 0.1411, 0.1844
CMYK	0.01, 0.00, 0.05, 0.14
HSL	77°, 13%, 84%
HSV	77°, 5%, 86%
XYZ	65.0293, 69.8160, 69.7137
YIQ	216.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

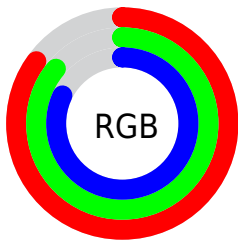
Format	Color
R_{YB}	208, 219, 211
Decimal	14212048
CIE Lab	86.91, -2.98, 5.05
CIE LCh	87, 5.861, 120.565
Yxy	69.8160, 0.3179, 0.3413
Android (android.graphics.Color)	4292402128 (0xFFD8DBD0)
YUV	216.8490, -4.3626, -0.7446
Hunter-Lab	83.5560, -7.3013, 9.0214

Details

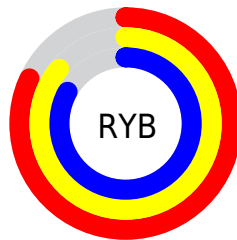
The Yxy color **69.8160, 0.3179, 0.3413** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0727, 0.3074, 0.3166**, and the grayscale version is **69.3079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4611, 0.3186, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **67.9134, 0.3283, 0.3669**, and if you desaturate by 10%, it is **71.9072, 0.3077, 0.3173**.

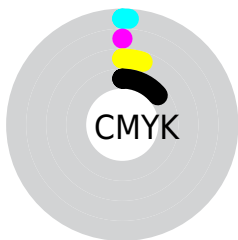
Distribution



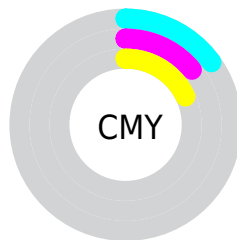
- Red (85%)
- Green (86%)
- Blue (82%)



- Red (82%)
- Yellow (86%)
- Blue (83%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8160, 0.3179, 0.3413 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 69.8160, 0.3179, 0.3413 by changing the saturation by 10% instead.

■ 69.8160, 0.3179,
0.3413

■ 69.8160, 0.3179,
0.3413

459.9037, 0.3155,
0.3355

■ 51.3765, 0.3184,
0.3426

118.9463, 0.3171,
0.3393

■ 36.5084, 0.3191,
0.3443

150.4060, 0.3167,
0.3385

■ 24.8271, 0.3200,
0.3464

186.9745, 0.3165,
0.3378

■ 15.9483, 0.3211,
0.3493

229.0362, 0.3162,
0.3373

■ 9.4876, 0.3227,
0.3532

276.9757, 0.3160,
0.3367

■ 5.0605, 0.3249,
0.3589

331.1771, 0.3158,

■ 2.2828, 0.3285,

0.3363

0.3683

392.0250, 0.3157,
0.3359

0.7646, 0.3445,
0.4028

0.0000, 0.0000,
0.0000

69.8160, 0.3179,
0.3413

69.8160, 0.3179,
0.3413

67.9134, 0.3283,
0.3669

71.9072, 0.3077,
0.3173

66.1838, 0.3387,
0.3937

74.1840, 0.2979,
0.2951

64.6235, 0.3486,
0.4211

75.3921, 0.3000,
0.2924

63.2251, 0.3575,
0.4480

76.4299, 0.3041,
0.2929

■ 61.9807, 0.3650,
0.4736

■ 77.5028, 0.3082,
0.2933

■ 60.8815, 0.3706,
0.4965

■ 78.6110, 0.3124,
0.2938

■ 59.9176, 0.3737,
0.5157

■ 79.1498, 0.3144,
0.2940

■ 59.0777, 0.3743,
0.5303

■ 58.3480, 0.3725,
0.5400

Harmonies

Analogous

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



69.8160, 0.3238, 0.3408



69.8160, 0.3179, 0.3413



69.8160, 0.3107, 0.3384

Triad

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



69.8160, 0.3179, 0.3413



69.8160, 0.2990, 0.3208



69.8160, 0.3214, 0.3251

Complementary

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



69.8160, 0.3179, 0.3413



64.0727, 0.3074, 0.3166

Split Complementary

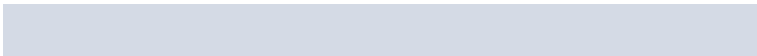
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.8160, 0.3146, 0.3199



69.8160, 0.3179, 0.3413



69.8160, 0.3017, 0.3173

Square

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



69.8160, 0.3179, 0.3413



69.8160, 0.2998, 0.3265



69.8160, 0.3075, 0.3170



69.8160, 0.3258, 0.3313

Rectangle

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



69.8160, 0.3179, 0.3413



69.8160, 0.3061, 0.3350



69.8160, 0.3075, 0.3170



69.8160, 0.3193, 0.3231

Sweetspot

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



69.8190, 0.3179, 0.3413



99.4107, 0.3148, 0.3339



66.1680, 0.3208, 0.3323



21.2842, 0.3147, 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.



69.8190, 0.3179, 0.3413



98.2637, 0.3190, 0.3438



69.0072, 0.3140, 0.3414



15.1945, 0.3195, 0.3452



34.4526, 0.3717, 0.5431



2.2740, 0.3797, 0.5367

Inverse Universe

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



64.0727, 0.3074, 0.3166



88.5807, 0.3062, 0.3140



64.8868, 0.3114, 0.3167



13.5641, 0.3056, 0.3125



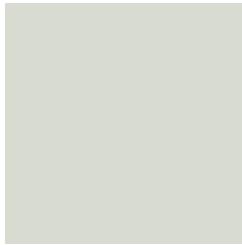
3.6541, 0.1676, 0.0697



0.2792, 0.1849, 0.0792

Previews

White Background



This preview shows how the Yxy color 69.8160, 0.3179, 0.3413 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 69.8160, 0.3179, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

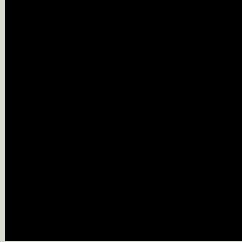
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

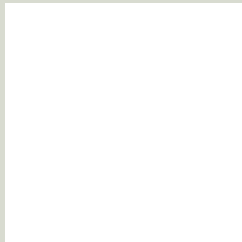
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8160, 0.3179, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 69.8160, 0.3179, 0.3413.

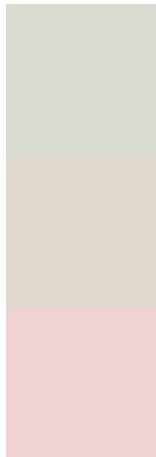


This preview shows how white text looks on a background with the Yxy color 69.8160, 0.3179, 0.3413.

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

69.8160, 0.3179, 0.3413

Protanopia

69.9780, 0.3246, 0.3400

Deuteranopia

69.4471, 0.3362, 0.3291



Tritanopia

69.6427, 0.3050, 0.3106

Trichromacy



Original Color

69.8160, 0.3179, 0.3413

Protanomaly

70.0200, 0.3223, 0.3412

Deuteranomaly

69.3478, 0.3297, 0.3334

Tritanomaly

69.4995, 0.3102, 0.3213

Monochromacy



Original Color

69.8160, 0.3179, 0.3413

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.7496, 0.3147, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8160, 0.3179, 0.3413 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(216, 219, 208)` looks like.

```
.text, #text, p{  
    color:rgb(216, 219, 208)  
}
```

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(216, 219, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 219, 208) }
```

Border

The CSS property to change the border of an element to Yxy 69.8160, 0.3179, 0.3413 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(216, 219, 208) }
```

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

```
.border{ border-color:rgb(216, 219, 208) }
```

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

Here you see how a box with a 4 pixel rgb(216, 219, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 219, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 219, 208);  
box-shadow:4px 4px 4px 4px rgb(216, 219,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8160, 0.3179, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 219, 208) }
```

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

```
.background{ background-color: rgb(216,  
219, 208) }
```

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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