

Converting Colors

Yxy(67.5924, 0.3181, 0.3410)

Have a look what the booklet for
Yxy(67.5924, 0.3181, 0.3410)
contains.

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Color

Yxy(67.6656, 0.3180, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	D5D8CD
RGB	213, 216, 205
RGB Percent	84%, 85%, 80%
CMY	0.1645, 0.1530, 0.1960
CMYK	0.01, 0.00, 0.05, 0.15
HSL	76°, 12%, 83%
HSV	76°, 5%, 85%
XYZ	63.0277, 67.6656, 67.5070
YIQ	213.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

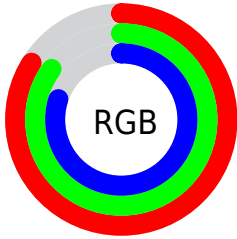
Format	Color
R_{YB}	205, 216, 208
Decimal	14014669
CIE _{Lab}	85.84, -2.95, 5.04
CIE _{LCh}	86, 5.842, 120.289
Yxy	67.6656, 0.3180, 0.3414
Android (android.graphics.Color)	4292204749 (0xFFD5D8CD)
YUV	213.8490, -4.3626, -0.7446
Hunter-Lab	82.2591, -7.1850, 8.9242

Details

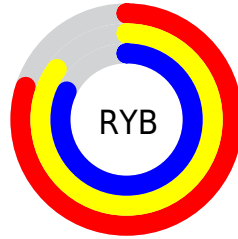
The Yxy color **67.6656, 0.3180, 0.3414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0327, 0.3073, 0.3165**, and the grayscale version is **67.1739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9932, 0.3187, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **65.8456, 0.3285, 0.3670**, and if you desaturate by 10%, it is **69.6664, 0.3077, 0.3174**.

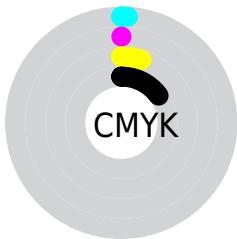
Distribution



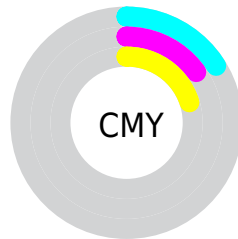
- Red (84%)
- Green (85%)
- Blue (80%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6656, 0.3180, 0.3414 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 67.6656, 0.3180, 0.3414 by changing the saturation by 10% instead.

■ 67.6656, 0.3180,
0.3414

■ 67.6656, 0.3180,
0.3414

452.3103, 0.3155,
0.3356

■ 49.6257, 0.3186,
0.3428

115.8736, 0.3171,
0.3393

■ 35.1161, 0.3193,
0.3445

146.8106, 0.3168,
0.3386

■ 23.7523, 0.3202,
0.3467

182.8154, 0.3165,
0.3379

■ 15.1500, 0.3213,
0.3496

224.2723, 0.3163,
0.3373

■ 8.9247, 0.3230,
0.3536

271.5659, 0.3161,
0.3368

■ 4.6921, 0.3253,
0.3596

325.0805, 0.3159,

■ 2.0678, 0.3291,

0.3363

0.3696

385.2005, 0.3157,
0.3359

0.6464, 0.3522,
0.4197

0.0000, 0.0000,
0.0000

67.6656, 0.3180,
0.3414

67.6656, 0.3180,
0.3414

65.8456, 0.3285,
0.3670

69.6664, 0.3077,
0.3174

64.1914, 0.3390,
0.3937

71.8450, 0.2978,
0.2952

62.6993, 0.3490,
0.4210

73.2186, 0.2975,
0.2890

61.3623, 0.3581,
0.4478

74.1948, 0.3014,
0.2895

■ 60.1727, 0.3657,
0.4732

■ 75.2032, 0.3054,
0.2899

■ 59.1221, 0.3714,
0.4960

■ 76.2439, 0.3095,
0.2904

■ 58.2009, 0.3747,
0.5150

■ 77.3174, 0.3135,
0.2909

■ 57.3982, 0.3754,
0.5294

■ 77.5864, 0.3145,
0.2910

■ 56.7008, 0.3736,
0.5391

Harmonies

Analogous

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



67.6656, 0.3239, 0.3408



67.6656, 0.3180, 0.3414



67.6656, 0.3108, 0.3386

Triad

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



67.6656, 0.3180, 0.3414



67.6656, 0.2989, 0.3207



67.6656, 0.3214, 0.3250

Complementary

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



67.6656, 0.3180, 0.3414



62.0327, 0.3073, 0.3165

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.



67.6656, 0.3146, 0.3198



67.6656, 0.3180, 0.3414



67.6656, 0.3016, 0.3173

Square

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



67.6656, 0.3180, 0.3414



67.6656, 0.2998, 0.3265



67.6656, 0.3074, 0.3169



67.6656, 0.3259, 0.3313

Rectangle

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



67.6656, 0.3180, 0.3414



67.6656, 0.3061, 0.3351



67.6656, 0.3074, 0.3169



67.6656, 0.3193, 0.3230

Sweetspot

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



67.6685, 0.3180, 0.3414



99.4175, 0.3148, 0.3339



64.0905, 0.3209, 0.3323



21.2856, 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.



67.6685, 0.3180, 0.3414



98.2839, 0.3190, 0.3438



66.8639, 0.3140, 0.3415



14.4574, 0.3196, 0.3452



33.4332, 0.3729, 0.5421



2.0561, 0.3813, 0.5355

Inverse Universe

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



62.0327, 0.3073, 0.3165



88.5612, 0.3062, 0.3140



62.8392, 0.3114, 0.3166



12.9042, 0.3056, 0.3126



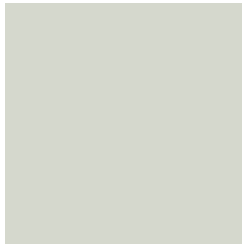
3.5107, 0.1669, 0.0693



0.2525, 0.1853, 0.0794

Previews

White Background



This preview shows how the Yxy color 67.6656, 0.3180, 0.3414 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 67.6656, 0.3180, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

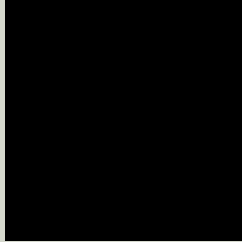
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

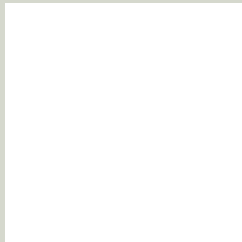
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6656, 0.3180, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 67.6656, 0.3180, 0.3414.



This preview shows how white text looks on a background with the Yxy color 67.6656, 0.3180, 0.3414.

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

67.6656, 0.3180, 0.3414

Protanopia

67.8249, 0.3248, 0.3402

Deuteranopia

67.3078, 0.3365, 0.3291



Tritanopia

67.4958, 0.3049, 0.3104

Trichromacy



Original Color

67.6656, 0.3180, 0.3414

Protanomaly

67.8659, 0.3225, 0.3413

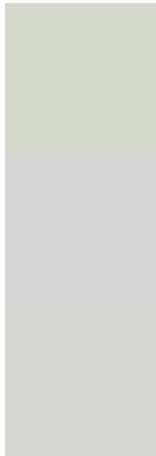
Deuteranomaly

67.2074, 0.3299, 0.3334

Tritanomaly

67.3547, 0.3102, 0.3212

Monochromacy



Original Color

67.6656, 0.3180, 0.3414

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.6002, 0.3147, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6656, 0.3180, 0.3414 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(213, 216, 205) looks like.

```
.text, #text, p{  
    color:rgb(213, 216, 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(213, 216, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 216, 205) }
```

Border

The CSS property to change the border of an element to Yxy 67.6656, 0.3180, 0.3414 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(213, 216, 205) }
```

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

```
.border{ border-color:rgb(213, 216, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 216, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(213, 216,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6656, 0.3180, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 216, 205) }
```

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

```
.background{ background-color: rgb(213,  
216, 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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