

Converting Colors

Yxy(66.9813, 0.3218, 0.3563)

Have a look what the booklet for
Yxy(66.9813, 0.3218, 0.3563)
contains.

Yxy(66.9306, 0.3217, 0.3555)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.9306, 0.3217, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	D0D9C2
RGB	208, 217, 194
RGB Percent	82%, 85%, 76%
CMY	0.1843, 0.1490, 0.2392
CMYK	0.04, 0.00, 0.11, 0.15
HSL	83°, 23%, 81%
HSV	83°, 11%, 85%
XYZ	60.5670, 66.9306, 60.7741
YIQ	211.6870, 2.0190, -9.0610

Conversions

Conversions Part 2

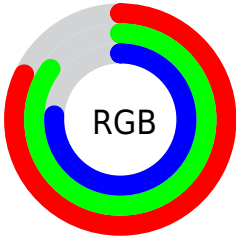
Format	Color
RYB	194, 217, 203
Decimal	13687234
CIELab	85.47, -7.10, 10.28
CIELCh	85, 12.491, 124.646
Yxy	66.9306, 0.3217, 0.3555
Android (android.graphics.Color)	4291877314 (0xFFD0D9C2)
YUV	211.6870, -8.7197, -3.2335
Hunter-Lab	81.8111, -11.0210, 13.2237

Details

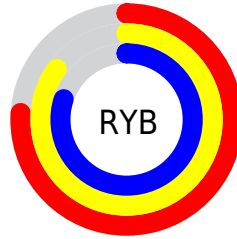
The Yxy color **66.9306, 0.3217, 0.3555** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2972, 0.3030, 0.3022**, and the grayscale version is **65.6811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **34.6041, 0.3246, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **64.8314, 0.3302, 0.3823**, and if you desaturate by 10%, it is **69.2438, 0.3132, 0.3304**.

Distribution



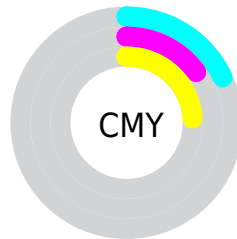
- Red (82%)
- Green (85%)
- Blue (76%)



- Red (76%)
- Yellow (85%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9306, 0.3217, 0.3555 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 66.9306, 0.3217, 0.3555 by changing the saturation by 10% instead.

66.9306, 0.3217,
0.3555

66.9306, 0.3217,
0.3555

449.6977, 0.3176,
0.3429

49.0282, 0.3226,
0.3585

114.8210, 0.3203,
0.3510

34.6419, 0.3238,
0.3622

145.5777, 0.3197,
0.3493

23.3871, 0.3253,
0.3670

181.3881, 0.3192,
0.3479

14.8796, 0.3272,
0.3734

222.6365, 0.3188,
0.3466

8.7349, 0.3297,
0.3824

269.7072, 0.3184,
0.3455

4.5687, 0.3333,
0.3960

322.9847, 0.3181,

1.9965, 0.3386,

0.3445

0.4186

382.8534, 0.3178,
0.3437

0.6054, 0.3991,
0.6009

0.0000, 0.0000,
0.0000

66.9306, 0.3217,
0.3555

66.9306, 0.3217,
0.3555

64.8314, 0.3302,
0.3823

69.2438, 0.3132,
0.3304

62.9302, 0.3383,
0.4104

71.7690, 0.3049,
0.3073

61.2224, 0.3456,
0.4391

74.2477, 0.2996,
0.2903

59.6998, 0.3518,
0.4672

75.7137, 0.3054,
0.2910

■ 58.3534, 0.3563,
0.4936

■ 77.2495, 0.3113,
0.2917

■ 57.1734, 0.3586,
0.5169

■ 78.1057, 0.3145,
0.2920

■ 56.1487, 0.3585,
0.5359

■ 55.2660, 0.3560,
0.5498

■ 54.5447, 0.3519,
0.5588

Harmonies

Analogous

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



66.9306, 0.3351, 0.3551



66.9306, 0.3217, 0.3555



66.9306, 0.3061, 0.3483

Triad

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



66.9306, 0.3217, 0.3555



66.9306, 0.2836, 0.3096



66.9306, 0.3331, 0.3222

Complementary

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



66.9306, 0.3217, 0.3555



56.2972, 0.3030, 0.3022

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.



66.9306, 0.3188, 0.3108



66.9306, 0.3217, 0.3555



66.9306, 0.2904, 0.3035

Square

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



66.9306, 0.3217, 0.3555



66.9306, 0.2844, 0.3213



66.9306, 0.3032, 0.3040



66.9306, 0.3419, 0.3355

Rectangle

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



66.9306, 0.3217, 0.3555



66.9306, 0.2966, 0.3403



66.9306, 0.3032, 0.3040



66.9306, 0.3288, 0.3180

Sweetspot

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



66.9335, 0.3217, 0.3555



98.9542, 0.3153, 0.3364



61.2775, 0.3303, 0.3392



21.1215, 0.3160, 0.3384



0.0000, 0.0000, 0.0000



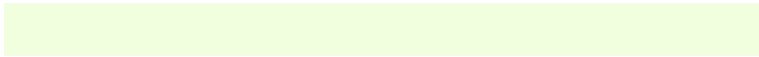
21.4041, 0.3127, 0.3290

Same Dimension

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



66.9335, 0.3217, 0.3555



95.6703, 0.3239, 0.3621



65.3510, 0.3134, 0.3562



14.9966, 0.3207, 0.3525



33.0812, 0.3529, 0.5580



2.1924, 0.3636, 0.5495

Inverse Universe

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



56.2972, 0.3030, 0.3022



77.0127, 0.3005, 0.2954



57.9446, 0.3118, 0.3029



12.8642, 0.3042, 0.3053



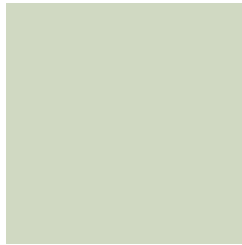
4.2540, 0.1835, 0.0784



0.3245, 0.2019, 0.0886

Previews

White Background



This preview shows how the Yxy color 66.9306, 0.3217, 0.3555 looks on a white background.

Color Contrast Check

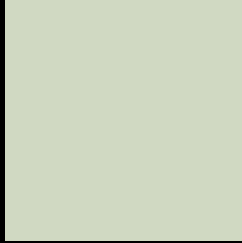
Large Text (above 18pt) WCAG AA × Fail

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 66.9306, 0.3217, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

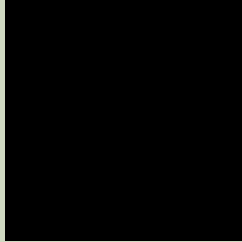
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

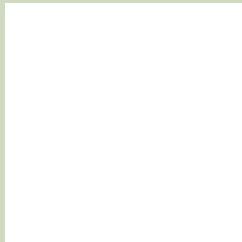
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9306, 0.3217, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 66.9306, 0.3217, 0.3555.



This preview shows how white text looks on a background with the Yxy color 66.9306, 0.3217, 0.3555.

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

66.9306, 0.3217, 0.3555

Protanopia

66.9239, 0.3342, 0.3526

Deuteranopia

66.6534, 0.3466, 0.3398



Tritanopia

66.8902, 0.3020, 0.3102

Trichromacy



Original Color

66.9306, 0.3217, 0.3555

Protanomaly

66.6951, 0.3295, 0.3528

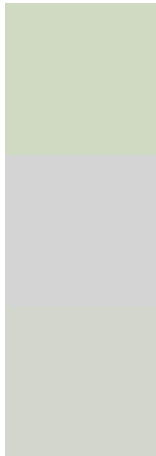
Deuteranomaly

66.5273, 0.3372, 0.3457

Tritanomaly

66.8999, 0.3092, 0.3267

Monochromacy



Original Color

66.9306, 0.3217, 0.3555

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.3498, 0.3166, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9306, 0.3217, 0.3555 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(208, 217, 194)` looks like.

```
.text, #text, p{  
    color:rgb(208, 217, 194)  
}
```

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(208, 217, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 217, 194) }
```

Border

The CSS property to change the border of an element to Yxy 66.9306, 0.3217, 0.3555 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(208, 217, 194) }
```

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

```
.border{ border-color:rgb(208, 217, 194) }
```

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

Here you see how a box with a 4 pixel rgb(208, 217, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 217, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 217, 194);  
box-shadow:4px 4px 4px 4px rgb(208, 217,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9306, 0.3217, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 217, 194) }
```

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

```
.background{ background-color: rgb(208,  
217, 194) }
```

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