

Converting Colors

$Yxy(67.1036, 0.3218, 0.3494)$

Have a look what the booklet for
Yxy(67.1036, 0.3218, 0.3494)
contains.

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Color

Yxy(67.1860, 0.3220, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	D4D8C6
RGB	212, 216, 198
RGB Percent	83%, 85%, 78%
CMY	0.1687, 0.1529, 0.2234
CMYK	0.02, 0.00, 0.08, 0.15
HSL	73°, 19%, 81%
HSV	73°, 8%, 85%
XYZ	61.8995, 67.1860, 63.1491
YIQ	212.7520, 3.3940, -6.4460

Conversions

Conversions Part 2

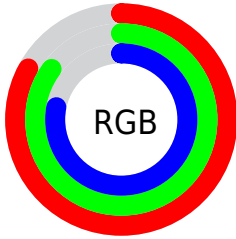
Format	Color
RYB	198, 216, 202
Decimal	13949126
CIELab	85.60, -4.52, 8.38
CIELCh	86, 9.523, 118.362
Yxy	67.1860, 0.3220, 0.3495
Android (android.graphics.Color)	4292139206 (0xFFD4D8C6)
YUV	212.7520, -7.2727, -0.6595
Hunter-Lab	81.9671, -8.6435, 11.6987

Details

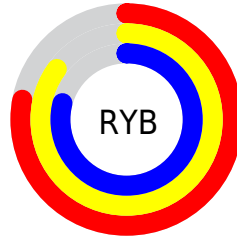
The Yxy color **67.1860, 0.3220, 0.3495** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9240, 0.3030, 0.3080**, and the grayscale version is **66.4144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6715, 0.3241, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **65.5545, 0.3333, 0.3754**, and if you desaturate by 10%, it is **68.9870, 0.3109, 0.3250**.

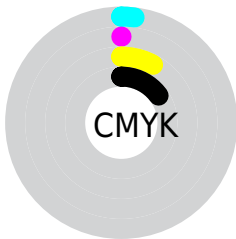
Distribution



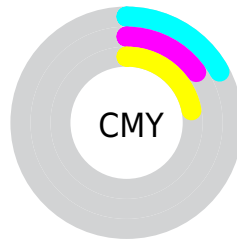
- Red (83%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (79%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1860, 0.3220, 0.3495 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 67.1860, 0.3220, 0.3495 by changing the saturation by 10% instead.

■ 67.1860, 0.3220,
0.3495

■ 67.1860, 0.3220,
0.3495

450.6066, 0.3177,
0.3398

■ 49.2358, 0.3230,
0.3518

115.1869, 0.3205,
0.3461

■ 34.8066, 0.3242,
0.3546

146.0064, 0.3199,
0.3448

■ 23.5139, 0.3258,
0.3583

181.8844, 0.3194,
0.3436

■ 14.9734, 0.3278,
0.3632

223.2054, 0.3190,
0.3427

■ 8.8007, 0.3306,
0.3700

270.3537, 0.3186,
0.3418

■ 4.6114, 0.3347,
0.3802

323.7137, 0.3183,

■ 2.0211, 0.3410,

0.3411

0.3971

383.6699, 0.3180,
0.3404

0.6197, 0.4031,
0.5220

0.0000, 0.0000,
0.0000

67.1860, 0.3220,
0.3495

67.1860, 0.3220,
0.3495

65.5545, 0.3333,
0.3754

68.9870, 0.3109,
0.3250

64.0775, 0.3445,
0.4020


70.9546, 0.3002,
0.3022


62.7514, 0.3550,
0.4288


72.5824, 0.2948,
0.2887

61.5692, 0.3645,
0.4546


73.3769, 0.2981,
0.2891

 60.5229, 0.3723,
0.4784


 74.1937, 0.3014,
0.2895


 59.6040, 0.3780,
0.4992


 75.0329, 0.3047,
0.2899

 58.8028, 0.3813,
0.5158

 75.8946, 0.3081,
0.2903

 58.1079, 0.3819,
0.5279

 76.7790, 0.3114,
0.2907

 57.5023, 0.3802,
0.5355

 77.5954, 0.3145,
0.2910

Harmonies

Analogous

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



67.1860, 0.3314, 0.3481



67.1860, 0.3220, 0.3495



67.1860, 0.3102, 0.3452

Triad

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



67.1860, 0.3220, 0.3495



67.1860, 0.2901, 0.3159



67.1860, 0.3262, 0.3218

Complementary

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



67.1860, 0.3220, 0.3495



57.9240, 0.3030, 0.3080

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.



67.1860, 0.3149, 0.3136



67.1860, 0.3220, 0.3495



67.1860, 0.2942, 0.3101

Square

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



67.1860, 0.3220, 0.3495



67.1860, 0.2919, 0.3255



67.1860, 0.3032, 0.3093



67.1860, 0.3339, 0.3319

Rectangle

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



67.1860, 0.3220, 0.3495



67.1860, 0.3026, 0.3396



67.1860, 0.3032, 0.3093



67.1860, 0.3227, 0.3187

Sweetspot

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



67.1889, 0.3220, 0.3495



99.4601, 0.3149, 0.3339



60.8846, 0.3266, 0.3335



21.2942, 0.3148, 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.



67.1889, 0.3220, 0.3495



97.3991, 0.3240, 0.3540



65.9079, 0.3154, 0.3499



14.3733, 0.3232, 0.3523



34.0254, 0.3805, 0.5361



2.0875, 0.3875, 0.5305

Inverse Universe

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



57.9240, 0.3030, 0.3080



81.2328, 0.3007, 0.3033



59.1963, 0.3097, 0.3085



12.1413, 0.3016, 0.3051



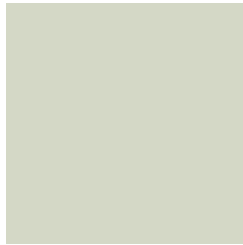
3.3509, 0.1623, 0.0668



0.2396, 0.1796, 0.0763

Previews

White Background



This preview shows how the Yxy color 67.1860, 0.3220, 0.3495 looks on a white background.

Color Contrast Check

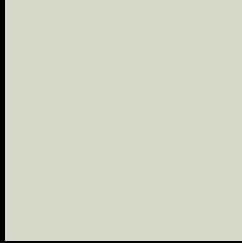
Large Text (above 18pt) WCAG AA × Fail

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 67.1860, 0.3220, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

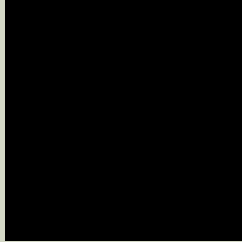
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

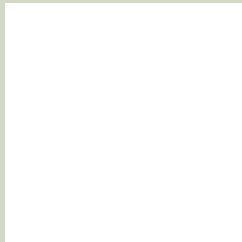
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1860, 0.3220, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 67.1860, 0.3220, 0.3495.



This preview shows how white text looks on a background with the Yxy color 67.1860, 0.3220, 0.3495.

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

67.1860, 0.3220, 0.3495

Protanopia

67.1036, 0.3313, 0.3481

Deuteranopia

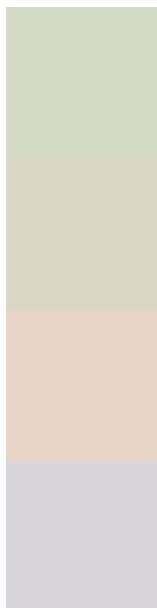
66.8380, 0.3435, 0.3355



Tritanopia

67.2873, 0.3048, 0.3114

Trichromacy



Original Color

67.1860, 0.3220, 0.3495

Protanomaly

67.0298, 0.3275, 0.3482

Deuteranomaly

67.0397, 0.3358, 0.3411

Tritanomaly

67.0453, 0.3115, 0.3245

Monochromacy



Original Color

67.1860, 0.3220, 0.3495

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.7933, 0.3161, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1860, 0.3220, 0.3495 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(212, 216, 198)` looks like.

```
.text, #text, p{  
    color:rgb(212, 216, 198)  
}
```

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(212, 216, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 216, 198) }
```

Border

The CSS property to change the border of an element to Yxy 67.1860, 0.3220, 0.3495 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(212, 216, 198) }
```

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

```
.border{ border-color:rgb(212, 216, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 216, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 216, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 216, 198);  
box-shadow:4px 4px 4px 4px rgb(212, 216,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1860, 0.3220, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 216, 198) }
```

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

```
.background{ background-color: rgb(212,  
216, 198) }
```

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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