

Converting Colors

Yxy(66.6922, 0.3211, 0.3510)

Have a look what the booklet for
Yxy(66.6922, 0.3211, 0.3510)
contains.

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Color

Yxy(66.8446, 0.3212, 0.3508)

Conversions

Conversions Part 1

Format	Color
Hex	D2D8C5
RGB	210, 216, 197
RGB Percent	82%, 85%, 77%
CMY	0.1766, 0.1529, 0.2274
CMYK	0.03, 0.00, 0.09, 0.15
HSL	79°, 20%, 81%
HSV	79°, 9%, 85%
XYZ	61.2043, 66.8446, 62.5001
YIQ	212.0400, 2.5230, -7.1810

Conversions

Conversions Part 2

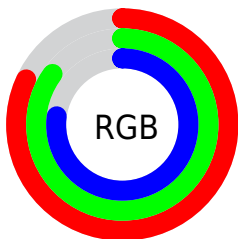
Format	Color
RYB	197, 216, 203
Decimal	13818053
CIELab	85.43, -5.41, 8.66
CIELCh	85, 10.208, 122.002
Yxy	66.8446, 0.3212, 0.3508
Android (android.graphics.Color)	4292008133 (0xFFD2D8C5)
YUV	212.0400, -7.4147, -1.7891
Hunter-Lab	81.7585, -9.4526, 11.9069

Details

The Yxy color **66.8446, 0.3212, 0.3508** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5963, 0.3037, 0.3069**, and the grayscale version is **65.9135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **34.5408, 0.3240, 0.3563** is the 20% darker color. If you saturate the color by 10%, you get **64.9396, 0.3309, 0.3771**, and if you desaturate by 10%, it is **68.9407, 0.3116, 0.3261**.

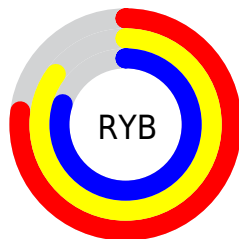
Distribution



Red (82%)

Green (85%)

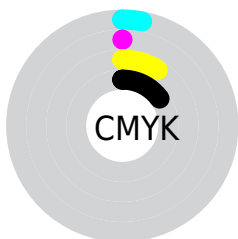
Blue (77%)



Red (77%)

Yellow (85%)

Blue (80%)

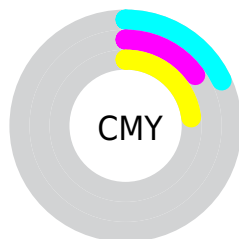


Cyan (3%)

Magenta (0%)

Yellow (9%)

Black (15%)



Cyan (18%)

Magenta (15%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8446, 0.3212, 0.3508 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 66.8446, 0.3212, 0.3508 by changing the saturation by 10% instead.

■ 66.8446, 0.3212,
0.3508

■ 66.8446, 0.3212,
0.3508

449.3914, 0.3173,
0.3405

■ 48.9583, 0.3221,
0.3532

114.6977, 0.3198,
0.3472

■ 34.5864, 0.3232,
0.3563

145.4334, 0.3193,
0.3458

■ 23.3445, 0.3246,
0.3602

181.2209, 0.3188,
0.3446

■ 14.8481, 0.3265,
0.3654

222.4448, 0.3184,
0.3435

■ 8.7128, 0.3290,
0.3728

269.4894, 0.3181,
0.3426

■ 4.5544, 0.3326,
0.3838

322.7391, 0.3178,

■ 1.9882, 0.3382,

0.3418

0.4021

382.5783, 0.3175,
0.3411

0.6006, 0.4032,
0.5519

0.0000, 0.0000,
0.0000

66.8446, 0.3212,
0.3508

66.8446, 0.3212,
0.3508

64.9396, 0.3309,
0.3771

68.9407, 0.3116,
0.3261

63.2104, 0.3404,
0.4044

71.2253, 0.3023,
0.3033

61.6530, 0.3492,
0.4322

73.2610, 0.2976,
0.2890

60.2597, 0.3569,
0.4595

74.4251, 0.3023,
0.2896

■ 59.0226, 0.3629,
0.4849

■ 75.6347, 0.3071,
0.2902

■ 57.9324, 0.3669,
0.5075

■ 76.8902, 0.3118,
0.2907

■ 56.9791, 0.3684,
0.5259

■ 77.5999, 0.3145,
0.2911

■ 56.1506, 0.3674,
0.5395

■ 55.4287, 0.3641,
0.5485

Harmonies

Analogous

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



66.8446, 0.3318, 0.3500



66.8446, 0.3212, 0.3508



66.8446, 0.3085, 0.3455

Triad

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



66.8446, 0.3212, 0.3508



66.8446, 0.2887, 0.3139



66.8446, 0.3285, 0.3225

Complementary

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



66.8446, 0.3212, 0.3508



57.5963, 0.3037, 0.3069

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.



66.8446, 0.3166, 0.3134



66.8446, 0.3212, 0.3508



66.8446, 0.2938, 0.3083

Square

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



66.8446, 0.3212, 0.3508



66.8446, 0.2899, 0.3238



66.8446, 0.3039, 0.3082



66.8446, 0.3361, 0.3335

Rectangle

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



66.8446, 0.3212, 0.3508



66.8446, 0.3005, 0.3391



66.8446, 0.3039, 0.3082



66.8446, 0.3249, 0.3191

Sweetspot

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



66.8475, 0.3212, 0.3508



99.0581, 0.3156, 0.3363



61.3555, 0.3272, 0.3359



21.1495, 0.3164, 0.3383



0.0000, 0.0000, 0.0000



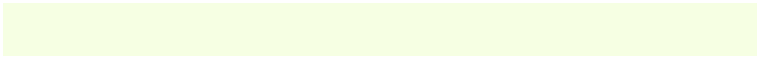
21.4041, 0.3127, 0.3290

Same Dimension

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



66.8475, 0.3212, 0.3508



96.6690, 0.3234, 0.3567



65.4979, 0.3142, 0.3513



14.3126, 0.3218, 0.3524



32.8141, 0.3645, 0.5487



2.0226, 0.3742, 0.5410

Inverse Universe

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



57.5963, 0.3037, 0.3069



79.9430, 0.3012, 0.3007



58.9681, 0.3110, 0.3074



12.1986, 0.3031, 0.3052



3.7295, 0.1730, 0.0727



0.2688, 0.1922, 0.0833

Previews

White Background



This preview shows how the Yxy color 66.8446, 0.3212, 0.3508 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 66.8446, 0.3212, 0.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

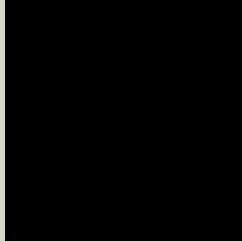
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

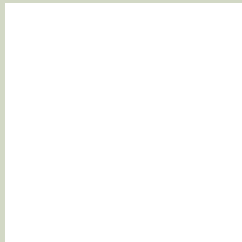
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8446, 0.3212, 0.3508

Background



This preview shows how black text looks on a background with the Yxy color 66.8446, 0.3212, 0.3508.



This preview shows how white text looks on a background with the Yxy color 66.8446, 0.3212, 0.3508.

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

66.8446, 0.3212, 0.3508

Protanopia

66.9008, 0.3313, 0.3492

Deuteranopia

66.6169, 0.3435, 0.3366



Tritanopia

66.6370, 0.3041, 0.3103

Trichromacy



Original Color

66.8446, 0.3212, 0.3508

Protanomaly

66.8304, 0.3274, 0.3494

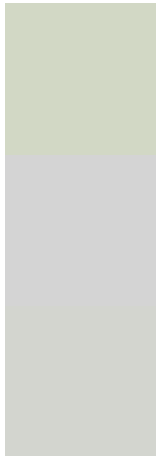
Deuteranomaly

66.6644, 0.3350, 0.3423

Tritanomaly

66.7444, 0.3100, 0.3245

Monochromacy



Original Color

66.8446, 0.3212, 0.3508

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9424, 0.3153, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8446, 0.3212, 0.3508 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, 216, 197) looks like.

```
.text, #text, p{  
    color:rgb(210, 216, 197)  
}
```

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, 216, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 216, 197) }
```

Border

The CSS property to change the border of an element to Yxy 66.8446, 0.3212, 0.3508 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, 216, 197) }
```

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

```
.border{ border-color:rgb(210, 216, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 216, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 216, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 216, 197);  
box-shadow:4px 4px 4px 4px rgb(210, 216,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8446, 0.3212, 0.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 216, 197) }
```

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

```
.background{ background-color: rgb(210,  
216, 197) }
```

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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