

Converting Colors

Yxy(63.2258, 0.3513, 0.4241)

Have a look what the booklet for
Yxy(63.2258, 0.3513, 0.4241)
contains.

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Color

Yxy(63.3310, 0.3512, 0.4243)

Conversions

Conversions Part 1

Format	Color
Hex	C5D98A
RGB	197, 217, 138
RGB Percent	77%, 85%, 54%
CMY	0.2276, 0.1490, 0.4588
CMYK	0.09, 0.00, 0.36, 0.15
HSL	75°, 51%, 70%
HSV	75°, 36%, 85%
XYZ	52.4201, 63.3310, 33.5089
YIQ	202.0140, 13.4390, -28.8090

Conversions

Conversions Part 2

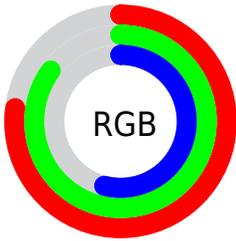
Format	Color
RYB	138, 217, 158
Decimal	12966282
CIELab	83.62, -19.34, 36.72
CIElCh	84, 41.505, 117.778
Yxy	63.3310, 0.3512, 0.4243
Android (android.graphics.Color)	4291156362 (0xFFC5D98A)
YUV	202.0140, -31.5589, -4.3973
Hunter-Lab	79.5808, -21.6879, 30.7415

Details

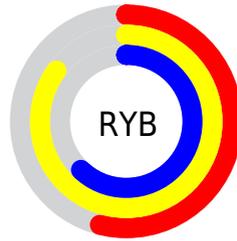
The Yxy color **63.3310, 0.3512, 0.4243** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.4651, 0.2630, 0.2243**, and the grayscale version is **59.2649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3966, 0.3495, 0.3911**, and **32.2796, 0.3585, 0.4486** is the 20% darker color. If you saturate the color by 10%, you get **62.0370, 0.3604, 0.4508**, and if you desaturate by 10%, it is **64.7834, 0.3410, 0.3972**.

Distribution



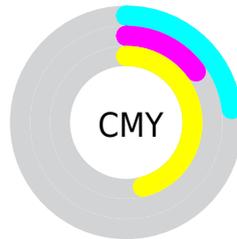
- Red (77%)
- Green (85%)
- Blue (54%)



- Red (54%)
- Yellow (85%)
- Blue (62%)



- Cyan (9%)
- Magenta (0%)
- Yellow (36%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3310, 0.3512, 0.4243 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 63.3310, 0.3512, 0.4243 by changing the saturation by 10% instead.

 63.3310, 0.3512,
0.4243

 63.3310, 0.3512,
0.4243

436.7698, 0.3343,
0.3779

 46.1090, 0.3547,
0.4353

 109.6469, 0.3456,
0.4078

 32.3319, 0.3587,
0.4491

 139.5096, 0.3433,
0.4015

 21.6151, 0.3633,
0.4668

 174.3547, 0.3414,
0.3961

 13.5744, 0.3683,
0.4900

214.5666, 0.3396,
0.3915

 7.8252, 0.3730,
0.5215

260.5297, 0.3381,
0.3874

 3.9833, 0.3824,
0.5771

312.6283, 0.3367,

 1.6642, 0.3673,

0.3839

0.6327

371.2468, 0.3354,
0.3807

0.4003, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.3310, 0.3512,
0.4243

63.3310, 0.3512,
0.4243

62.0370, 0.3604,
0.4508

64.7834, 0.3410,
0.3972

60.8851, 0.3680,
0.4757

66.3929, 0.3303,
0.3704

59.8695, 0.3736,
0.4977

68.1690, 0.3195,
0.3447

58.9805, 0.3768,
0.5159

70.1180, 0.3089,
0.3205

■ 58.2069, 0.3774,
0.5294

■ 72.2457, 0.2988,
0.2980

■ 57.5345, 0.3756,
0.5382

■ 73.6769, 0.2972,
0.2900

■ 57.3085, 0.3746,
0.5407

■ 74.6025, 0.3010,
0.2905

■ 75.5572, 0.3047,
0.2909

■ 76.5411, 0.3085,
0.2914

Harmonies

Analogous

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



63.3310, 0.3945, 0.4104



63.3310, 0.3512, 0.4243



63.3310, 0.2996, 0.4072

Triad

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



63.3310, 0.3512, 0.4243



63.3310, 0.2184, 0.2693



63.3310, 0.3716, 0.2965

Complementary

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



63.3310, 0.3512, 0.4243



30.4651, 0.2630, 0.2243

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.



63.3310, 0.3192, 0.2653



63.3310, 0.3512, 0.4243



63.3310, 0.2336, 0.2486

Square

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



63.3310, 0.3512, 0.4243



63.3310, 0.2253, 0.3099



63.3310, 0.2690, 0.2480



63.3310, 0.4084, 0.3360

Rectangle

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



63.3310, 0.3512, 0.4243



63.3310, 0.2677, 0.3794



63.3310, 0.2690, 0.2480



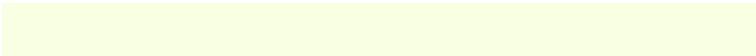
63.3310, 0.3549, 0.2848

Sweetspot

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



63.3338, 0.3512, 0.4243



96.9982, 0.3246, 0.3566



40.9613, 0.3916, 0.3534



20.6869, 0.3261, 0.3602



0.0000, 0.0000, 0.0000



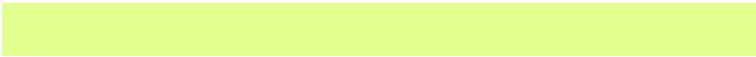
21.4041, 0.3127, 0.3290

Same Dimension

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



63.3338, 0.3512, 0.4243



89.7515, 0.3586, 0.4456



58.7129, 0.3213, 0.4341



15.0889, 0.3228, 0.3524



34.7392, 0.3753, 0.5402



2.2906, 0.3828, 0.5343

Inverse Universe

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



30.4651, 0.2630, 0.2243



35.4933, 0.2493, 0.1980



35.0961, 0.2983, 0.2342



12.7760, 0.3020, 0.3051



3.5681, 0.1653, 0.0684



0.2721, 0.1821, 0.0777

Previews

White Background



This preview shows how the Yxy color 63.3310, 0.3512, 0.4243 looks on a white background.

Color Contrast Check

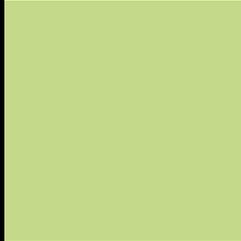
Large Text (above 18pt) WCAG AA × Fail

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 63.3310, 0.3512, 0.4243 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 63.3310, 0.3512, 0.4243

Background



This preview shows how black text looks on a background with the Yxy color 63.3310, 0.3512, 0.4243.



This preview shows how white text looks on a background with the Yxy color 63.3310, 0.3512, 0.4243.

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

63.3310, 0.3512, 0.4243

Protanopia

63.0017, 0.3809, 0.4121

Deuteranopia

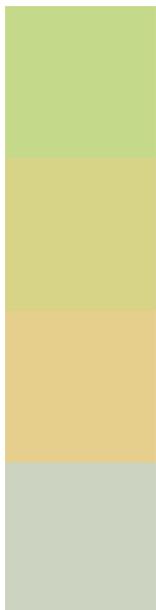
62.9396, 0.3982, 0.3893



Tritanopia

63.3633, 0.3025, 0.3109

Trichromacy



Original Color

63.3310, 0.3512, 0.4243

Protanomaly

62.7849, 0.3698, 0.4169

Deuteranomaly

62.8887, 0.3800, 0.4016

Tritanomaly

63.2317, 0.3207, 0.3513

Monochromacy



Original Color

63.3310, 0.3512, 0.4243

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.1597, 0.3273, 0.3628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3310, 0.3512, 0.4243 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(197, 217, 138)` looks like.

```
.text, #text, p{  
    color:rgb(197, 217, 138)  
}
```

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(197, 217, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 217, 138) }
```

Border

The CSS property to change the border of an element to Yxy 63.3310, 0.3512, 0.4243 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(197, 217, 138) }
```

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

```
.border{ border-color:rgb(197, 217, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 217, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 217, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 217, 138);  
box-shadow:4px 4px 4px 4px rgb(197, 217,  
138) }
```

Background

The CSS property to change the background color of an element to Yxy 63.3310, 0.3512, 0.4243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 217, 138) }
```

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

```
.background{ background-color: rgb(197,  
217, 138) }
```

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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