

Converting Colors

Yxy(61.6946, 0.3257, 0.3736)

Have a look what the booklet for
Yxy(61.6946, 0.3257, 0.3736)
contains.

Yxy(61.7842, 0.3255, 0.3740)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.7842, 0.3255, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	C3D4AF
RGB	195, 212, 175
RGB Percent	76%, 83%, 69%
CMY	0.2356, 0.1685, 0.3138
CMYK	0.08, 0.00, 0.17, 0.17
HSL	88°, 30%, 76%
HSV	88°, 17%, 83%
XYZ	53.7721, 61.7842, 49.6421
YIQ	202.6990, 1.7450, -15.1110

Conversions

Conversions Part 2

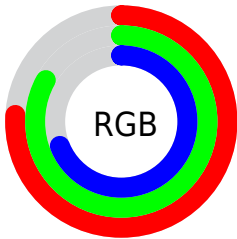
Format	Color
RYB	175, 212, 192
Decimal	12833967
CIELab	82.80, -12.32, 16.41
CIElCh	83, 20.523, 126.904
Yxy	61.7842, 0.3255, 0.3740
Android (android.graphics.Color)	4291024047 (0xFFC3D4AF)
YUV	202.6990, -13.6556, -6.7520
Hunter-Lab	78.6029, -15.4437, 17.5771

Details

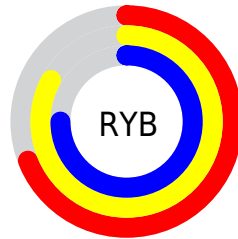
The Yxy color **61.7842, 0.3255, 0.3740** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.6279, 0.2980, 0.2838**, and the grayscale version is **59.6028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9850, 0.3248, 0.3524**, and **31.1818, 0.3288, 0.3861** is the 20% darker color. If you saturate the color by 10%, you get **59.7574, 0.3325, 0.4022**, and if you desaturate by 10%, it is **64.0326, 0.3182, 0.3475**.

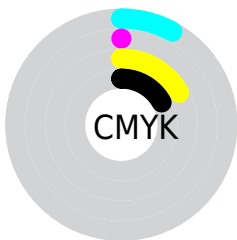
Distribution



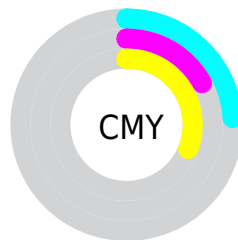
- Red (76%)
- Green (83%)
- Blue (69%)



- Red (69%)
- Yellow (83%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (17%)




- Cyan (24%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7842, 0.3255, 0.3740 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 61.7842, 0.3255, 0.3740 by changing the saturation by 10% instead.


 61.7842, 0.3255,
0.3740

 61.7842, 0.3255,
0.3740


431.1435, 0.3197,
0.3521

 44.8584, 0.3268,
0.3793


 107.4136, 0.3235,
0.3662

 31.3459, 0.3284,
0.3860


136.8859, 0.3227,
0.3632

 20.8624, 0.3303,
0.3947


171.3092, 0.3220,
0.3607

 13.0234, 0.3328,
0.4066

211.0678, 0.3214,
0.3585

 7.4447, 0.3359,
0.4236

256.5461, 0.3209,
0.3566

 3.7417, 0.3398,
0.4498

308.1286, 0.3205,

 1.5302, 0.3556,

0.3549

0.5120

366.1996, 0.3200,
0.3534

0.3098, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.7842, 0.3255,
0.3740

61.7842, 0.3255,
0.3740

59.7574, 0.3325,
0.4022

64.0326, 0.3182,
0.3475

57.9365, 0.3390,
0.4315

66.5019, 0.3109,
0.3230

56.3159, 0.3443,
0.4609

69.2016, 0.3038,
0.3007

54.8867, 0.3482,
0.4892

71.8254, 0.3000,
0.2852

■ 53.6391, 0.3501,
0.5149

■ 73.5288, 0.3068,
0.2861

■ 52.5624, 0.3499,
0.5367

■ 75.3252, 0.3137,
0.2870

■ 51.6441, 0.3473,
0.5534

■ 75.5796, 0.3147,
0.2871

■ 50.8676, 0.3426,
0.5647

■ 50.6871, 0.3414,
0.5672

Harmonies

Analogous

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



61.7842, 0.3489, 0.3735



61.7842, 0.3255, 0.3740



61.7842, 0.2994, 0.3609

Triad

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



61.7842, 0.3255, 0.3740



61.7842, 0.2648, 0.2950



61.7842, 0.3487, 0.3189

Complementary

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



61.7842, 0.3255, 0.3740



46.6279, 0.2980, 0.2838

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.



61.7842, 0.3248, 0.3000



61.7842, 0.3255, 0.3740



61.7842, 0.2767, 0.2861

Square

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



61.7842, 0.3255, 0.3740



61.7842, 0.2650, 0.3137



61.7842, 0.2984, 0.2882



61.7842, 0.3629, 0.3408

Rectangle

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



61.7842, 0.3255, 0.3740



61.7842, 0.2839, 0.3463



61.7842, 0.2984, 0.2882



61.7842, 0.3415, 0.3120

Sweetspot

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



61.7869, 0.3255, 0.3740



98.1066, 0.3164, 0.3414



54.6435, 0.3428, 0.3490



20.9434, 0.3169, 0.3432



0.0000, 0.0000, 0.0000



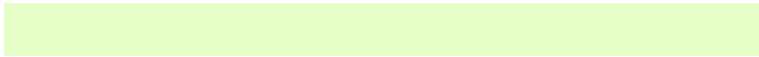
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7869, 0.3255, 0.3740



92.6276, 0.3282, 0.3844



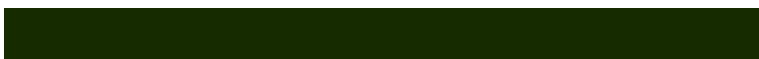
59.5227, 0.3119, 0.3759



14.2219, 0.3196, 0.3525



31.3436, 0.3424, 0.5664



1.9395, 0.3550, 0.5563

Inverse Universe

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



46.6279, 0.2980, 0.2838



65.3996, 0.2943, 0.2732



49.1374, 0.3132, 0.2858



12.2868, 0.3053, 0.3054



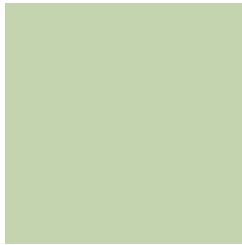
4.5912, 0.1956, 0.0851



0.3258, 0.2150, 0.0958

Previews

White Background



This preview shows how the Yxy color 61.7842, 0.3255, 0.3740 looks on a white background.

Color Contrast Check

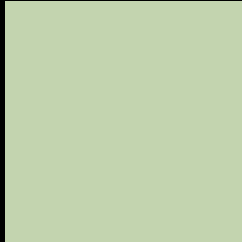
Large Text (above 18pt) WCAG AA × Fail

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 61.7842, 0.3255, 0.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

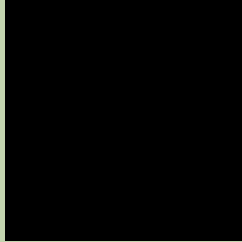
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

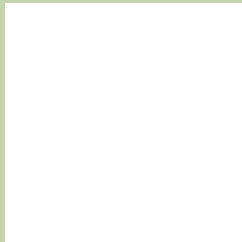
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7842, 0.3255, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 61.7842, 0.3255, 0.3740.

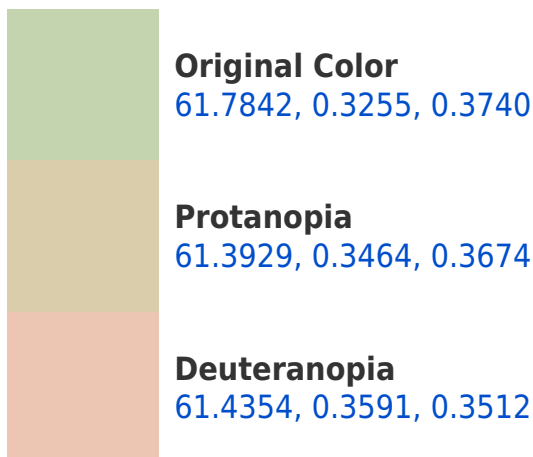


This preview shows how white text looks on a background with the Yxy color 61.7842, 0.3255, 0.3740.

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

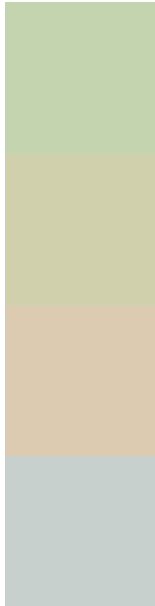




Tritanopia

61.9731, 0.2988, 0.3106

Trichromacy



Original Color

61.7842, 0.3255, 0.3740

Protanomaly

61.6842, 0.3386, 0.3704

Deuteranomaly

61.2583, 0.3463, 0.3589

Tritanomaly

61.6616, 0.3081, 0.3325

Monochromacy



Original Color

61.7842, 0.3255, 0.3740

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2722, 0.3173, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7842, 0.3255, 0.3740 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(195, 212, 175)` looks like.

```
.text, #text, p{  
    color:rgb(195, 212, 175)  
}
```

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(195, 212, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 212, 175) }
```

Border

The CSS property to change the border of an element to Yxy 61.7842, 0.3255, 0.3740 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(195, 212, 175) }
```

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

```
.border{ border-color:rgb(195, 212, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 212, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 212, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 212, 175);  
box-shadow:4px 4px 4px 4px rgb(195, 212,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7842, 0.3255, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 212, 175) }
```

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

```
.background{ background-color: rgb(195,  
212, 175) }
```

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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