

Converting Colors

$Yxy(44.4614, 0.3489, 0.4257)$

Have a look what the booklet for
Yxy(44.4614, 0.3489, 0.4257)
contains.

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Color

Yxy(44.5092, 0.3492, 0.4259)

Conversions

Conversions Part 1

Format	Color
Hex	A6BA75
RGB	166, 186, 117
RGB Percent	65%, 73%, 46%
CMY	0.3491, 0.2706, 0.5411
CMYK	0.11, 0.00, 0.37, 0.27
HSL	77°, 33%, 59%
HSV	77°, 37%, 73%
XYZ	36.4936, 44.5092, 23.5034
YIQ	172.1540, 10.2290, -25.6990

Conversions

Conversions Part 2

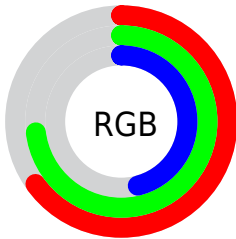
Format	Color
RYB	117, 186, 137
Decimal	10926709
CIELab	72.57, -18.35, 32.73
CIELCh	73, 37.521, 119.275
Yxy	44.5092, 0.3492, 0.4259
Android (android.graphics.Color)	4289116789 (0xFFA6BA75)
YUV	172.1540, -27.1909, -5.3971
Hunter-Lab	66.7152, -19.1112, 25.8131

Details

The Yxy color **44.5092, 0.3492, 0.4259** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **21.5958, 0.2650, 0.2240**, and the grayscale version is **41.4737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9361, 0.3435, 0.4071**, and **20.6910, 0.3574, 0.4562** is the 20% darker color. If you saturate the color by 10%, you get **43.5448, 0.3576, 0.4527**, and if you desaturate by 10%, it is **45.5890, 0.3398, 0.3987**.

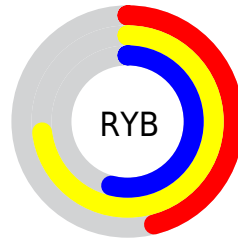
Distribution



Red (65%)

Green (73%)

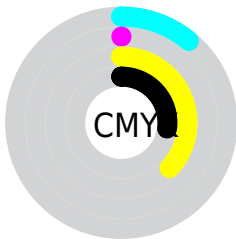
Blue (46%)



Red (46%)

Yellow (73%)

Blue (54%)

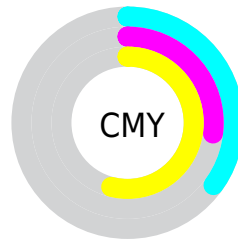


Cyan (11%)

Magenta (0%)

Yellow (37%)

Black (27%)



Cyan (35%)

Magenta (27%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5092, 0.3492, 0.4259 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 44.5092, 0.3492, 0.4259 by changing the saturation by 10% instead.


 44.5092, 0.3492,
0.4259


 44.5092, 0.3492,
0.4259


364.7822, 0.3322,
0.3758


 31.0710, 0.3529,
0.4388


 81.9834, 0.3434,
0.4074

 20.6529, 0.3571,
0.4554


 106.7882, 0.3411,
0.4005

 12.8705, 0.3619,
0.4775


 136.1508, 0.3391,
0.3947

 7.3395, 0.3668,
0.5081

170.4553, 0.3374,
0.3898

 3.6753, 0.3745,
0.5597

210.0863, 0.3359,
0.3856

 1.4936, 0.3694,
0.6306

255.4282, 0.3345,

 0.2842, 0.0000,

0.3819

1.0000

306.8654, 0.3333,
0.3786

0.0000, 0.0000,
0.0000

44.5092, 0.3492,
0.4259

44.5092, 0.3492,
0.4259

43.5448, 0.3576,
0.4527

45.5890, 0.3398,
0.3987

42.6844, 0.3645,
0.4779

46.7834, 0.3299,
0.3719

41.9239, 0.3694,
0.5004


48.0989, 0.3198,
0.3463


41.2566, 0.3719,
0.5192


49.5400, 0.3099,
0.3222

40.6747, 0.3720,
0.5333

51.1109, 0.3003,
0.2999

 40.1671, 0.3697,
0.5429

 52.8154, 0.2912,
0.2794

 40.0275, 0.3689,
0.5453

 54.6574, 0.2827,
0.2609

 55.9232, 0.2816,
0.2542

 56.7253, 0.2855,
0.2550

Harmonies

Analogous

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



44.5092, 0.3940, 0.4130



44.5092, 0.3492, 0.4259



44.5092, 0.2968, 0.4069

Triad

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



44.5092, 0.3492, 0.4259



44.5092, 0.2172, 0.2667



44.5092, 0.3749, 0.2978

Complementary

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



44.5092, 0.3492, 0.4259



21.5958, 0.2650, 0.2240

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.



44.5092, 0.3220, 0.2656



44.5092, 0.3492, 0.4259



44.5092, 0.2337, 0.2468

Square

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



44.5092, 0.3492, 0.4259



44.5092, 0.2230, 0.3071



44.5092, 0.2706, 0.2473



44.5092, 0.4112, 0.3381

Rectangle

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



44.5092, 0.3492, 0.4259



44.5092, 0.2648, 0.3778



44.5092, 0.2706, 0.2473



44.5092, 0.3582, 0.2858

Sweetspot

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



44.5112, 0.3492, 0.4259



86.1700, 0.3239, 0.3566



29.4938, 0.3913, 0.3568



18.9045, 0.3253, 0.3601



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.5112, 0.3492, 0.4259



79.1434, 0.3565, 0.4491



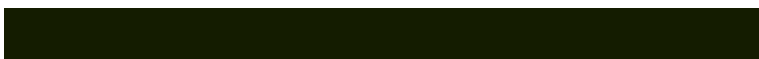
41.3093, 0.3194, 0.4357



10.3689, 0.3220, 0.3519



26.9663, 0.3695, 0.5448



0.9806, 0.3829, 0.5341

Inverse Universe

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



21.5958, 0.2650, 0.2240



31.2531, 0.2509, 0.1961



24.9380, 0.3006, 0.2340



8.8424, 0.3028, 0.3057



2.9466, 0.1701, 0.0711



0.1366, 0.2000, 0.0876

Previews

White Background



This preview shows how the Yxy color 44.5092, 0.3492, 0.4259 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 44.5092, 0.3492, 0.4259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

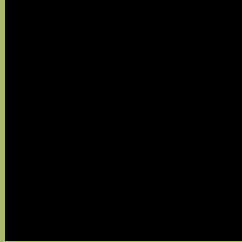
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5092, 0.3492, 0.4259

Background



This preview shows how black text looks on a background with the Yxy color 44.5092, 0.3492, 0.4259.



This preview shows how white text looks on a background with the Yxy color 44.5092, 0.3492, 0.4259.

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

44.5092, 0.3492, 0.4259

Protanopia

44.3932, 0.3803, 0.4123

Deuteranopia

44.2761, 0.3978, 0.3891



Tritanopia

44.4360, 0.3008, 0.3106

Trichromacy



Original Color

44.5092, 0.3492, 0.4259

Protanomaly

44.3528, 0.3686, 0.4176

Deuteranomaly

44.1425, 0.3792, 0.4016

Tritanomaly

44.0935, 0.3186, 0.3509

Monochromacy



Original Color

44.5092, 0.3492, 0.4259

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.2573, 0.3271, 0.3640

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5092, 0.3492, 0.4259 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(166, 186, 117)` looks like.

```
.text, #text, p{  
    color:rgb(166, 186, 117)  
}
```

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(166, 186, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 186, 117) }
```

Border

The CSS property to change the border of an element to Yxy 44.5092, 0.3492, 0.4259 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(166, 186, 117) }
```

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

```
.border{ border-color:rgb(166, 186, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 186, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 186, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 186, 117);  
box-shadow:4px 4px 4px 4px rgb(166, 186,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5092, 0.3492, 0.4259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 186, 117) }
```

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

```
.background{ background-color: rgb(166,  
186, 117) }
```

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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