

Converting Colors

$Yxy(44.5016, 0.3242, 0.3753)$

Have a look what the booklet for
Yxy(44.5016, 0.3242, 0.3753)
contains.

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Color

Yxy(44.7308, 0.3242, 0.3750)

Conversions

Conversions Part 1

Format	Color
Hex	A7B897
RGB	167, 184, 151
RGB Percent	65%, 72%, 59%
CMY	0.3449, 0.2785, 0.4078
CMYK	0.09, 0.00, 0.18, 0.28
HSL	91°, 19%, 66%
HSV	91°, 18%, 72%
XYZ	38.6713, 44.7308, 35.8801
YIQ	175.1550, 0.4610, -13.8670

Conversions

Conversions Part 2

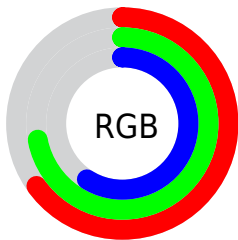
Format	Color
RYB	151, 184, 168
Decimal	10991767
CIELab	72.71, -11.89, 14.81
CIELCh	73, 18.995, 128.754
Yxy	44.7308, 0.3242, 0.3750
Android (android.graphics.Color)	4289181847 (0xFFA7B897)
YUV	175.1550, -11.9084, -7.1519
Hunter-Lab	66.8811, -13.8315, 15.0091

Details

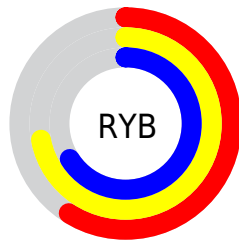
The Yxy color **44.7308, 0.3242, 0.3750** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.9188, 0.2994, 0.2832**, and the grayscale version is **43.0221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2575, 0.3222, 0.3666**, and **20.7975, 0.3273, 0.3892** is the 20% darker color. If you saturate the color by 10%, you get **43.1881, 0.3303, 0.4033**, and if you desaturate by 10%, it is **46.4459, 0.3178, 0.3485**.

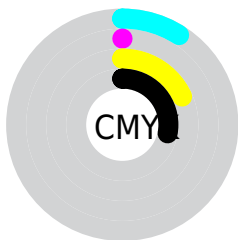
Distribution



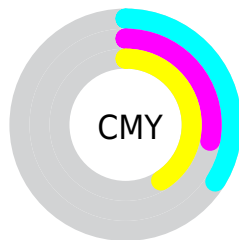
- Red (65%)
- Green (72%)
- Blue (59%)



- Red (59%)
- Yellow (72%)
- Blue (66%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (28%)



- Cyan (34%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7308, 0.3242, 0.3750 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 44.7308, 0.3242, 0.3750 by changing the saturation by 10% instead.


 44.7308, 0.3242,
0.3750

 44.7308, 0.3242,
0.3750


365.6822, 0.3187,
0.3513

 31.2454, 0.3255,
0.3811


 82.3163, 0.3223,
0.3662

 20.7858, 0.3271,
0.3891


 107.1852, 0.3215,
0.3630

 12.9675, 0.3291,
0.4000


136.6175, 0.3209,
0.3603

 7.4062, 0.3316,
0.4156

170.9974, 0.3203,
0.3580

 3.7174, 0.3348,
0.4397

210.7095, 0.3198,
0.3560

 1.5168, 0.3459,
0.4927

256.1380, 0.3194,

 0.3005, 0.0000,

0.3542

1.0000

307.6675, 0.3190,
0.3527

0.0000, 0.0000,
0.0000

44.7308, 0.3242,
0.3750

44.7308, 0.3242,
0.3750

43.1881, 0.3303,
0.4033

46.4459, 0.3178,
0.3485

41.8062, 0.3358,
0.4329

48.3333, 0.3114,
0.3241

40.5806, 0.3402,
0.4627

50.4001, 0.3051,
0.3020


39.5045, 0.3432,
0.4916


52.6515, 0.2990,
0.2821

38.5707, 0.3445,
0.5181


55.0921, 0.2933,
0.2643

 37.7708, 0.3436,
0.5406

 57.3070, 0.2922,
0.2543


 37.0955, 0.3406,
0.5581

 58.8576, 0.2993,
0.2558

 36.5312, 0.3358,
0.5701

 60.4935, 0.3065,
0.2574

 36.4237, 0.3348,
0.5724

 62.2159, 0.3138,
0.2590

Harmonies

Analogous

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



44.7308, 0.3487, 0.3754



44.7308, 0.3242, 0.3750



44.7308, 0.2973, 0.3606

Triad

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



44.7308, 0.3242, 0.3750



44.7308, 0.2638, 0.2930



44.7308, 0.3511, 0.3199

Complementary

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



44.7308, 0.3242, 0.3750



33.9188, 0.2994, 0.2832

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.



44.7308, 0.3268, 0.3002



44.7308, 0.3242, 0.3750



44.7308, 0.2767, 0.2846

Square

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



44.7308, 0.3242, 0.3750



44.7308, 0.2632, 0.3118



44.7308, 0.2995, 0.2875



44.7308, 0.3649, 0.3425

Rectangle

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



44.7308, 0.3242, 0.3750



44.7308, 0.2817, 0.3453



44.7308, 0.2995, 0.2875



44.7308, 0.3438, 0.3128

Sweetspot

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



44.7327, 0.3242, 0.3750



85.1444, 0.3160, 0.3414



40.2463, 0.3429, 0.3515



18.3051, 0.3164, 0.3431



93.3107, 0.3127, 0.3290



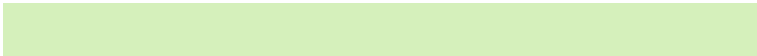
18.7317, 0.3127, 0.3290

Same Dimension

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



44.7327, 0.3242, 0.3750



79.8175, 0.3270, 0.3874



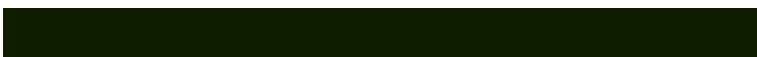
43.0927, 0.3105, 0.3770



10.2686, 0.3187, 0.3521



25.1477, 0.3356, 0.5717



0.9234, 0.3561, 0.5555

Inverse Universe

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



33.9188, 0.2994, 0.2832



56.1047, 0.2955, 0.2709



35.7879, 0.3148, 0.2853



8.9402, 0.3062, 0.3059



4.0870, 0.2063, 0.0910



0.1808, 0.2348, 0.1067

Previews

White Background



This preview shows how the Yxy color 44.7308, 0.3242, 0.3750 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 44.7308, 0.3242, 0.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

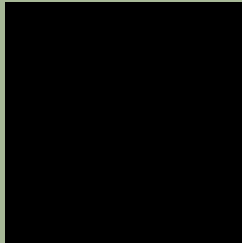
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7308, 0.3242, 0.3750

Background



This preview shows how black text looks on a background with the Yxy color 44.7308, 0.3242, 0.3750.



This preview shows how white text looks on a background with the Yxy color 44.7308, 0.3242, 0.3750.

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

44.7308, 0.3242, 0.3750

Protanopia

44.6703, 0.3469, 0.3689

Deuteranopia

44.2963, 0.3586, 0.3506



Tritanopia

44.5308, 0.2975, 0.3105

Trichromacy



Original Color

44.7308, 0.3242, 0.3750

Protanomaly

44.5157, 0.3381, 0.3711

Deuteranomaly

44.4269, 0.3458, 0.3593

Tritanomaly

44.4748, 0.3074, 0.3330

Monochromacy



Original Color

44.7308, 0.3242, 0.3750

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.3646, 0.3172, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7308, 0.3242, 0.3750 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(167, 184, 151)` looks like.

```
.text, #text, p{  
    color:rgb(167, 184, 151)  
}
```

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(167, 184, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 184, 151) }
```

Border

The CSS property to change the border of an element to Yxy 44.7308, 0.3242, 0.3750 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(167, 184, 151) }
```

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

```
.border{ border-color:rgb(167, 184, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 184, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 184, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 184, 151);  
box-shadow:4px 4px 4px 4px rgb(167, 184,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7308, 0.3242, 0.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 184, 151) }
```

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

```
.background{ background-color: rgb(167,  
184, 151) }
```

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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