

Converting Colors

$Yxy(42.1875, 0.3250, 0.3804)$

Have a look what the booklet for
Yxy(42.1875, 0.3250, 0.3804)
contains.

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Color

Yxy(42.2332, 0.3250, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	A1B490
RGB	161, 180, 144
RGB Percent	63%, 71%, 56%
CMY	0.3686, 0.2941, 0.4352
CMYK	0.11, 0.00, 0.20, 0.29
HSL	92°, 19%, 64%
HSV	92°, 20%, 71%
XYZ	36.0541, 42.2332, 32.6484
YIQ	170.2150, 0.2320, -15.2240

Conversions

Conversions Part 2

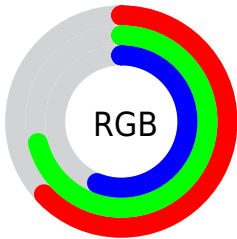
Format	Color
RYB	144, 180, 163
Decimal	10597520
CIELab	71.03, -13.19, 16.19
CIELCh	71, 20.883, 129.171
Yxy	42.2332, 0.3250, 0.3807
Android (android.graphics.Color)	4288787600 (0xFFA1B490)
YUV	170.2150, -12.9240, -8.0816
Hunter-Lab	64.9871, -14.6976, 15.7047

Details

The Yxy color $42.2332, 0.3250, 0.3807$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $31.0415, 0.2981, 0.2777$, and the grayscale version is $40.3783, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6671, 0.3229, 0.3708$, and $19.2203, 0.3285, 0.3978$ is the 20% darker color. If you saturate the color by 10%, you get $40.7768, 0.3307, 0.4094$, and if you desaturate by 10%, it is $43.8563, 0.3189, 0.3538$.

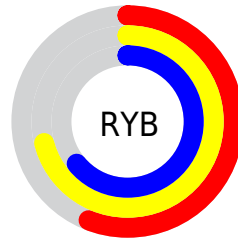
Distribution



Red (63%)

Green (71%)

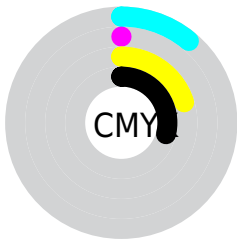
Blue (56%)



Red (56%)

Yellow (71%)

Blue (64%)

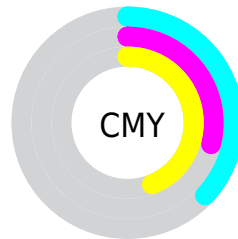


Cyan (11%)

Magenta (0%)

Yellow (20%)

Black (29%)



Cyan (37%)


Magenta (29%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2332, 0.3250, 0.3807 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 42.2332, 0.3250, 0.3807 by changing the saturation by 10% instead.

 42.2332, 0.3250,
0.3807

 42.2332, 0.3250,
0.3807


355.4487, 0.3191,
0.3538

 29.2839, 0.3264,
0.3878


 78.5524, 0.3229,
0.3707

 19.2957, 0.3280,
0.3971


 102.6912, 0.3221,
0.3670

 11.8842, 0.3301,
0.4098


131.3286, 0.3215,
0.3639

 6.6648, 0.3327,
0.4283

164.8490, 0.3209,
0.3612

 3.2534, 0.3356,
0.4573

203.6368, 0.3203,
0.3590

 1.2654, 0.3644,
0.5497

248.0765, 0.3199,

 0.1142, 0.0000,

0.3570

1.0000

298.5523, 0.3195,
0.3553

■ 0.0000, 0.0000,
0.0000

■ 42.2332, 0.3250,
0.3807

■ 42.2332, 0.3250,
0.3807

■ 40.7768, 0.3307,
0.4094

■ 43.8563, 0.3189,
0.3538

■ 39.4756, 0.3358,
0.4392

■ 45.6459, 0.3127,
0.3290

■ 38.3254, 0.3398,
0.4691

■ 47.6092, 0.3066,
0.3064

■ 37.3194, 0.3422,
0.4979

■ 49.7511, 0.3007,
0.2861

■ 36.4504, 0.3429,
0.5239

■ 52.0763, 0.2951,
0.2680

■ 35.7102, 0.3414,
0.5457

■ 54.5895, 0.2899,
0.2518

■ 35.0894, 0.3379,
0.5622

■ 56.2885, 0.2950,
0.2507

■ 34.5708, 0.3330,
0.5738

■ 57.8833, 0.3023,
0.2524

■ 34.5701, 0.3330,
0.5738

■ 59.5650, 0.3096,
0.2541

Harmonies

Analogous

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



42.2332, 0.3526, 0.3811



42.2332, 0.3250, 0.3807



42.2332, 0.2950, 0.3643

Triad

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



42.2332, 0.3250, 0.3807



42.2332, 0.2582, 0.2885



42.2332, 0.3561, 0.3191

Complementary

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



42.2332, 0.3250, 0.3807



31.0415, 0.2981, 0.2777

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.



42.2332, 0.3289, 0.2972



42.2332, 0.3250, 0.3807



42.2332, 0.2728, 0.2795

Square

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



42.2332, 0.3250, 0.3807



42.2332, 0.2574, 0.3092



42.2332, 0.2982, 0.2829



42.2332, 0.3714, 0.3442

Rectangle

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



42.2332, 0.3250, 0.3807



42.2332, 0.2777, 0.3469



42.2332, 0.2982, 0.2829



42.2332, 0.3480, 0.3112

Sweetspot

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



42.2350, 0.3250, 0.3807



80.7403, 0.3165, 0.3439



37.7765, 0.3467, 0.3550



17.4068, 0.3169, 0.3455



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.2350, 0.3250, 0.3807



75.3718, 0.3276, 0.3932



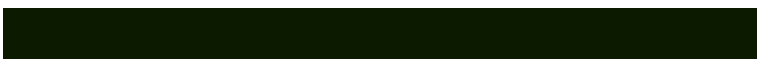
40.6088, 0.3097, 0.3822



9.6800, 0.3185, 0.3520



24.1661, 0.3338, 0.5731



0.7952, 0.3564, 0.5552

Inverse Universe

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



31.0415, 0.2981, 0.2777



51.3505, 0.2943, 0.2654



32.9303, 0.3156, 0.2810



8.4437, 0.3065, 0.3060



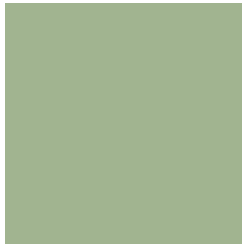
4.0424, 0.2094, 0.0927



0.1616, 0.2398, 0.1094

Previews

White Background



This preview shows how the Yxy color 42.2332, 0.3250, 0.3807 looks on a white background.

Color Contrast Check

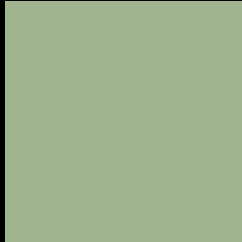
Large Text (above 18pt) WCAG AA × Fail

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 42.2332, 0.3250, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

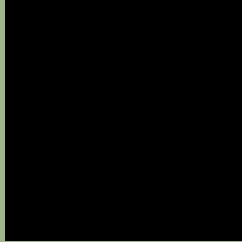
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2332, 0.3250, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 42.2332, 0.3250, 0.3807.



This preview shows how white text looks on a background with the Yxy color 42.2332, 0.3250, 0.3807.

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

42.2332, 0.3250, 0.3807

Protanopia

42.0006, 0.3505, 0.3725

Deuteranopia

42.0234, 0.3624, 0.3550



Tritanopia

42.2278, 0.2964, 0.3101

Trichromacy



Original Color

42.2332, 0.3250, 0.3807

Protanomaly

42.2338, 0.3413, 0.3762

Deuteranomaly

42.0195, 0.3483, 0.3641

Tritanomaly

42.0286, 0.3064, 0.3345

Monochromacy



Original Color

42.2332, 0.3250, 0.3807

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.0608, 0.3172, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2332, 0.3250, 0.3807 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(161, 180, 144)` looks like.

```
.text, #text, p{  
    color:rgb(161, 180, 144)  
}
```

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(161, 180, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 180, 144) }
```

Border

The CSS property to change the border of an element to Yxy 42.2332, 0.3250, 0.3807 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(161, 180, 144) }
```

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

```
.border{ border-color:rgb(161, 180, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 180, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 180, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 180, 144);  
box-shadow:4px 4px 4px 4px rgb(161, 180,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2332, 0.3250, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 180, 144) }
```

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

```
.background{ background-color: rgb(161,  
180, 144) }
```

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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