

Converting Colors

Yxy(33.7420, 0.4122, 0.4232)

Have a look what the booklet for
Yxy(33.7420, 0.4122, 0.4232)
contains.

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Color

Yxy(33.6129, 0.4120, 0.4227)

Conversions

Conversions Part 1

Format	Color
Hex	B89954
RGB	184, 153, 84
RGB Percent	72%, 60%, 33%
CMY	0.2783, 0.4000, 0.6707
CMYK	0.00, 0.17, 0.54, 0.28
HSL	41°, 41%, 53%
HSV	41°, 54%, 72%
XYZ	32.7620, 33.6129, 13.1446
YIQ	154.4030, 40.6250, -14.8870

Conversions

Conversions Part 2

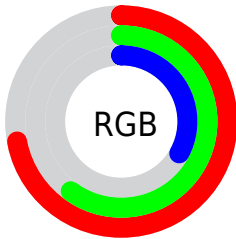
Format	Color
RYB	129, 184, 84
Decimal	12097876
CIELab	64.65, 2.93, 40.21
CIElCh	65, 40.319, 85.836
Yxy	33.6129, 0.4120, 0.4227
Android (android.graphics.Color)	4290287956 (0xFFB89954)
YUV	154.4030, -34.7087, 25.9566
Hunter-Lab	57.9766, -0.5905, 27.1413

Details

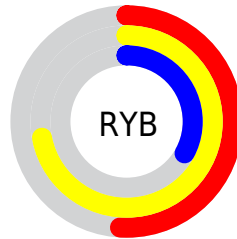
The Yxy color **33.6129, 0.4120, 0.4227** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.6087, 0.2200, 0.2100**, and the grayscale version is **32.6445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2522, 0.3938, 0.4060**, and **14.2133, 0.4393, 0.4474** is the 20% darker color. If you saturate the color by 10%, you get **31.5394, 0.4319, 0.4363**, and if you desaturate by 10%, it is **35.8548, 0.3917, 0.4067**.

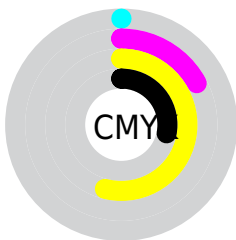
Distribution



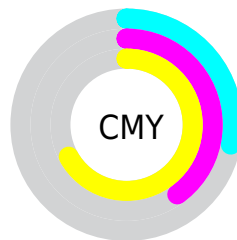
- Red (72%)
- Green (60%)
- Blue (33%)



- Red (51%)
- Yellow (72%)
- Blue (33%)



- Cyan (0%)
- Magenta (17%)
- Yellow (54%)
- Black (28%)





- Cyan (28%)
- Magenta (40%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6129, 0.4120, 0.4227 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 33.6129, 0.4120, 0.4227 by changing the saturation by 10% instead.


 33.6129, 0.4120,
0.4227


 33.6129, 0.4120,
0.4227


318.4025, 0.3613,
0.3756


 22.5964, 0.4243,
0.4338


 65.3312, 0.3937,
0.4059


 14.2958, 0.4394,
0.4471


 86.8019, 0.3867,
0.3995

 8.3267, 0.4579,
0.4629


 112.5260, 0.3808,
0.3940

 4.3047, 0.4906,
0.4911

 142.8879, 0.3758,
0.3893

 1.8454, 0.5037,
0.4963

 178.2722, 0.3714,
0.3852

 0.5152, 0.5213,
0.4787

219.0631, 0.3676,

 0.0000, 0.0000,

0.3816

0.0000

265.6451, 0.3642,
0.3784

■ 33.6129, 0.4120,
0.4227

■ 33.6129, 0.4120,
0.4227

■ 31.5394, 0.4319,
0.4363

■ 35.8548, 0.3917,
0.4067

■ 29.6220, 0.4505,
0.4463

■ 38.2667, 0.3719,
0.3893

■ 27.8542, 0.4669,
0.4519

■ 40.8565, 0.3530,
0.3713

■ 26.2262, 0.4803,
0.4525

■ 43.6299, 0.3354,
0.3535

■ 25.3596, 0.4870,
0.4515

■ 46.5921, 0.3193,
0.3362

■ 49.7482, 0.3047,
0.3199

■ 53.1031, 0.2915,
0.3047

■ 56.6614, 0.2798,
0.2905

■ 60.4275, 0.2693,
0.2775

Harmonies

Analogous

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



33.6129, 0.4373, 0.3807



33.6129, 0.4120, 0.4227



33.6129, 0.3611, 0.4439

Triad

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



33.6129, 0.4120, 0.4227



33.6129, 0.2108, 0.3088



33.6129, 0.3157, 0.2523

Complementary

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



33.6129, 0.4120, 0.4227



17.6087, 0.2200, 0.2100

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.



33.6129, 0.2572, 0.2334



33.6129, 0.4120, 0.4227



33.6129, 0.2016, 0.2596

Square

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



33.6129, 0.4120, 0.4227



33.6129, 0.2454, 0.3733



33.6129, 0.2175, 0.2348



33.6129, 0.3794, 0.2874

Rectangle

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



33.6129, 0.4120, 0.4227



33.6129, 0.3204, 0.4375



33.6129, 0.2175, 0.2348



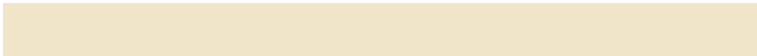
33.6129, 0.2947, 0.2440

Sweetspot

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



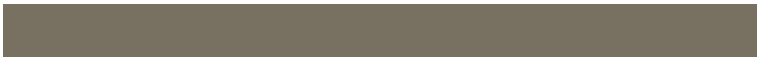
33.6145, 0.4120, 0.4227



78.0864, 0.3386, 0.3568



17.7840, 0.4183, 0.2853



16.6099, 0.3422, 0.3604



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.



33.6145, 0.4120, 0.4227



56.5392, 0.4352, 0.4383



43.0027, 0.3728, 0.4660



10.0206, 0.3271, 0.3447



17.6032, 0.4860, 0.4523



0.7253, 0.4650, 0.4690

Inverse Universe

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



17.6087, 0.2200, 0.2100



24.7141, 0.2003, 0.1793



12.6431, 0.2256, 0.1645



9.1617, 0.2985, 0.3128



4.5187, 0.1623, 0.1044



0.2729, 0.1775, 0.1591

Previews

White Background



This preview shows how the Yxy color 33.6129, 0.4120, 0.4227 looks on a white background.

Color Contrast Check

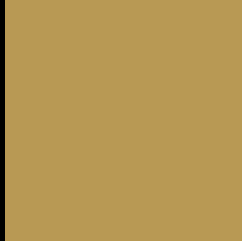
Large Text (above 18pt) WCAG AA × Fail

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 33.6129, 0.4120, 0.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

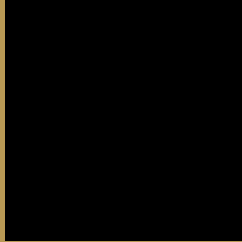
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6129, 0.4120, 0.4227

Background



This preview shows how black text looks on a background with the Yxy color 33.6129, 0.4120, 0.4227.



This preview shows how white text looks on a background with the Yxy color 33.6129, 0.4120, 0.4227.

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

33.6129, 0.4120, 0.4227

Protanopia

33.6541, 0.3963, 0.4312

Deuteranopia

33.6750, 0.4220, 0.4145



Tritanopia

33.5982, 0.3494, 0.3142

Trichromacy



Original Color

33.6129, 0.4120, 0.4227

Protanomaly

33.7799, 0.4013, 0.4282

Deuteranomaly

33.6079, 0.4180, 0.4169

Tritanomaly

33.4829, 0.3739, 0.3541

Monochromacy



Original Color

33.6129, 0.4120, 0.4227

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.6955, 0.3480, 0.3666

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6129, 0.4120, 0.4227 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(184, 153, 84)` looks like.

```
.text, #text, p{  
    color:rgb(184, 153, 84)  
}
```

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(184, 153, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 153, 84) }
```

Border

The CSS property to change the border of an element to Yxy 33.6129, 0.4120, 0.4227 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(184, 153, 84) }
```

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

```
.border{ border-color:rgb(184, 153, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 153, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 153, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 153, 84);  
box-shadow:4px 4px 4px 4px rgb(184, 153,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6129, 0.4120, 0.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 153, 84) }
```

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

```
.background{ background-color: rgb(184,  
153, 84) }
```

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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