

Converting Colors

$Yxy(33.1477, 0.3992, 0.4233)$

Have a look what the booklet for
Yxy(33.1477, 0.3992, 0.4233)
contains.

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Color

Yxy(33.0459, 0.3991, 0.4224)

Conversions

Conversions Part 1

Format	Color
Hex	B09A58
RGB	176, 154, 88
RGB Percent	69%, 60%, 35%
CMY	0.3098, 0.3961, 0.6549
CMYK	0.00, 0.13, 0.50, 0.31
HSL	45°, 36%, 52%
HSV	45°, 50%, 69%
XYZ	31.2231, 33.0459, 13.9647
YIQ	153.0540, 34.2980, -15.8620

Conversions

Conversions Part 2

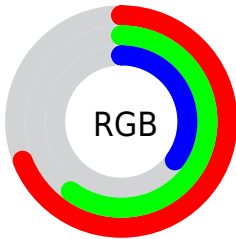
Format	Color
RYB	117, 176, 88
Decimal	11573848
CIELab	64.20, -0.68, 37.41
CIELCh	64, 37.418, 91.047
Yxy	33.0459, 0.3991, 0.4224
Android (android.graphics.Color)	4289763928 (0xFFB09A58)
YUV	153.0540, -32.0716, 20.1236
Hunter-Lab	57.4856, -3.6482, 25.8368

Details

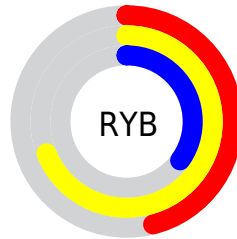
The Yxy color **33.0459, 0.3991, 0.4224** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.3629, 0.2261, 0.2122**, and the grayscale version is **32.0122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2995, 0.3831, 0.4050**, and **13.9186, 0.4226, 0.4484** is the 20% darker color. If you saturate the color by 10%, you get **31.3638, 0.4173, 0.4382**, and if you desaturate by 10%, it is **34.8548, 0.3805, 0.4045**.

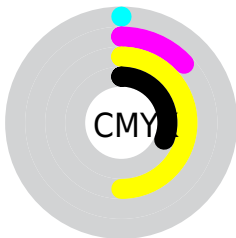
Distribution



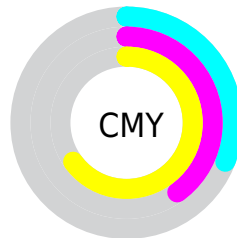
- Red (69%)
- Green (60%)
- Blue (35%)



- Red (46%)
- Yellow (69%)
- Blue (35%)



- Cyan (0%)
- Magenta (13%)
- Yellow (50%)
- Black (31%)





- Cyan (31%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0459, 0.3991, 0.4224 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 33.0459, 0.3991, 0.4224 by changing the saturation by 10% instead.


 33.0459, 0.3991,
0.4224


 33.0459, 0.3991,
0.4224


315.8565, 0.3548,
0.3744

 22.1616, 0.4099,
0.4342


 64.4472, 0.3831,
0.4049


 13.9757, 0.4233,
0.4489


 85.7330, 0.3770,
0.3984

 8.1038, 0.4398,
0.4671

 111.2547, 0.3719,
0.3928

 4.1614, 0.4669,
0.4971

 141.3968, 0.3675,
0.3880

 1.7643, 0.4834,
0.5166

 176.5436, 0.3637,
0.3839

 0.4648, 0.4777,
0.5223

217.0796, 0.3604,

 0.0000, 0.0000,

0.3803

0.0000

263.3891, 0.3574,
0.3772

■ 33.0459, 0.3991,
0.4224

■ 33.0459, 0.3991,
0.4224

■ 31.3638, 0.4173,
0.4382

■ 34.8548, 0.3805,
0.4045

■ 29.7980, 0.4343,
0.4509

■ 36.7911, 0.3621,
0.3855

■ 28.3439, 0.4493,
0.4596

■ 38.8611, 0.3445,
0.3662

■ 26.9937, 0.4616,
0.4637

■ 41.0692, 0.3280,
0.3472

■ 25.7328, 0.4715,
0.4638

■ 43.4197, 0.3127,
0.3290

■ 45.9164, 0.2988,
0.3118

■ 48.5633, 0.2862,
0.2957

■ 51.3638, 0.2749,
0.2809

■ 54.3215, 0.2647,
0.2672

Harmonies

Analogous

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



33.0459, 0.4274, 0.3858



33.0459, 0.3991, 0.4224



33.0459, 0.3488, 0.4360

Triad

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



33.0459, 0.3991, 0.4224



33.0459, 0.2137, 0.3011



33.0459, 0.3262, 0.2616

Complementary

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



33.0459, 0.3991, 0.4224



16.3629, 0.2261, 0.2122

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.



33.0459, 0.2693, 0.2407



33.0459, 0.3991, 0.4224



33.0459, 0.2091, 0.2585

Square

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



33.0459, 0.3991, 0.4224



33.0459, 0.2425, 0.3598



33.0459, 0.2282, 0.2387



33.0459, 0.3843, 0.2971

Rectangle

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



33.0459, 0.3991, 0.4224



33.0459, 0.3104, 0.4251



33.0459, 0.2282, 0.2387



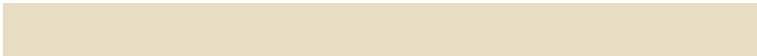
33.0459, 0.3062, 0.2528

Sweetspot

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



33.0475, 0.3991, 0.4224



72.3397, 0.3365, 0.3572



17.3685, 0.4124, 0.2948



15.5003, 0.3399, 0.3611



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



33.0475, 0.3991, 0.4224



56.5698, 0.4192, 0.4397



38.7744, 0.3645, 0.4575



9.5396, 0.3269, 0.3460



18.9748, 0.4708, 0.4644



0.6830, 0.4537, 0.4780

Inverse Universe

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



16.3629, 0.2261, 0.2122



22.9315, 0.2062, 0.1812



13.3360, 0.2387, 0.1811



8.5640, 0.2985, 0.3114



3.7028, 0.1586, 0.0911



0.2108, 0.1741, 0.1467

Previews

White Background



This preview shows how the Yxy color 33.0459, 0.3991, 0.4224 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 33.0459, 0.3991, 0.4224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

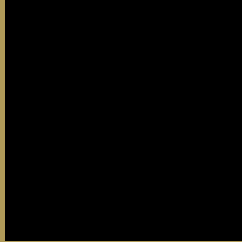
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0459, 0.3991, 0.4224

Background



This preview shows how black text looks on a background with the Yxy color 33.0459, 0.3991, 0.4224.



This preview shows how white text looks on a background with the Yxy color 33.0459, 0.3991, 0.4224.

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

33.0459, 0.3991, 0.4224

Protanopia

33.1561, 0.3914, 0.4257

Deuteranopia

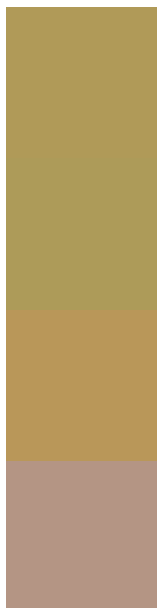
33.1633, 0.4170, 0.4093



Tritanopia

33.0594, 0.3407, 0.3138

Trichromacy



Original Color

33.0459, 0.3991, 0.4224

Protanomaly

33.0482, 0.3943, 0.4236

Deuteranomaly

33.1688, 0.4101, 0.4137

Tritanomaly

32.8641, 0.3628, 0.3534

Monochromacy



Original Color

33.0459, 0.3991, 0.4224

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.9445, 0.3440, 0.3657

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0459, 0.3991, 0.4224 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(176, 154, 88)` looks like.

```
.text, #text, p{  
    color:rgb(176, 154, 88)  
}
```

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(176, 154, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 154, 88) }
```

Border

The CSS property to change the border of an element to Yxy 33.0459, 0.3991, 0.4224 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(176, 154, 88) }
```

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

```
.border{ border-color:rgb(176, 154, 88) }
```

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

Here you see how a box with a 4 pixel rgb(176, 154, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 154, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 154, 88);  
box-shadow:4px 4px 4px 4px rgb(176, 154,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0459, 0.3991, 0.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 154, 88) }
```

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

```
.background{ background-color: rgb(176,  
154, 88) }
```

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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