

Converting Colors

$Yxy(36.0438, 0.3941, 0.4288)$

Have a look what the booklet for
Yxy(36.0438, 0.3941, 0.4288)
contains.

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Color

Yxy(36.0438, 0.3941, 0.4288)

Conversions

Conversions Part 1

Format	Color
Hex	B2A25A
RGB	178, 162, 90
RGB Percent	70%, 64%, 35%
CMY	0.3019, 0.3647, 0.6470
CMYK	0.00, 0.09, 0.49, 0.30
HSL	49°, 36%, 53%
HSV	49°, 49%, 70%
XYZ	33.1270, 36.0438, 14.8866
YIQ	158.5760, 32.6480, -19.0000

Conversions

Conversions Part 2

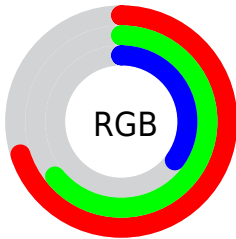
Format	Color
RYB	110, 178, 90
Decimal	11706970
CIELab	66.55, -3.96, 39.30
CIElCh	67, 39.500, 95.756
Yxy	36.0438, 0.3941, 0.4288
Android (android.graphics.Color)	4289897050 (0xFFB2A25A)
YUV	158.5760, -33.8080, 17.0348
Hunter-Lab	60.0365, -6.5709, 27.3241

Details

The Yxy color **36.0438, 0.3941, 0.4288** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.7000, 0.2251, 0.2030**, and the grayscale version is **34.6148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2409, 0.3789, 0.4102**, and **15.7399, 0.4146, 0.4579** is the 20% darker color. If you saturate the color by 10%, you get **34.6519, 0.4104, 0.4458**, and if you desaturate by 10%, it is **37.5411, 0.3770, 0.4096**.

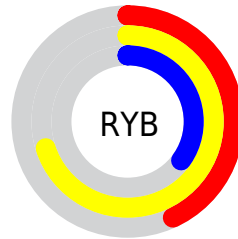
Distribution



Red (70%)

Green (64%)

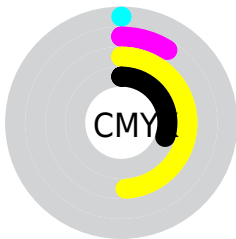
Blue (35%)



Red (43%)

Yellow (70%)

Blue (35%)

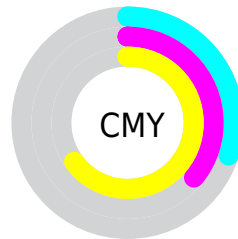


Cyan (0%)

Magenta (9%)

Yellow (49%)

Black (30%)



Cyan (30%)


Magenta (36%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0438, 0.3941, 0.4288 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 36.0438, 0.3941, 0.4288 by changing the saturation by 10% instead.

 36.0438, 0.3941,
0.4288


 36.0438, 0.3941,
0.4288


329.1519, 0.3533,
0.3778


 24.4680, 0.4037,
0.4413


 69.0997, 0.3796,
0.4103


 15.6812, 0.4154,
0.4569


 91.3485, 0.3740,
0.4033

 9.2988, 0.4294,
0.4764


 117.9239, 0.3693,
0.3974

 4.9366, 0.4491,
0.5045

 149.2102, 0.3652,
0.3923

 2.2101, 0.4659,
0.5341

185.5917, 0.3616,
0.3879

 0.7255, 0.4497,
0.5503

227.4529, 0.3585,

 0.0000, 0.0000,

0.3841

0.0000

275.1782, 0.3558,
0.3807

■ 36.0438, 0.3941,
0.4288

■ 36.0438, 0.3941,
0.4288

■ 34.6519, 0.4104,
0.4458

■ 37.5411, 0.3770,
0.4096

■ 33.3547, 0.4251,
0.4597

■ 39.1435, 0.3598,
0.3891

■ 32.1478, 0.4377,
0.4696

■ 40.8575, 0.3430,
0.3683

■ 31.0239, 0.4476,
0.4750

■ 42.6871, 0.3269,
0.3477

■ 29.9692, 0.4550,
0.4765

■ 44.6364, 0.3119,
0.3279

■ 29.9104, 0.4554,
0.4766

■ 46.7091, 0.2980,
0.3091

■ 48.9088, 0.2853,
0.2916

■ 51.2388, 0.2738,
0.2754

■ 53.7023, 0.2635,
0.2605

Harmonies

Analogous

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



36.0438, 0.4277, 0.3937



36.0438, 0.3941, 0.4288



36.0438, 0.3404, 0.4379

Triad

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



36.0438, 0.3941, 0.4288



36.0438, 0.2091, 0.2920



36.0438, 0.3363, 0.2649

Complementary

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



36.0438, 0.3941, 0.4288



15.7000, 0.2251, 0.2030

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.



36.0438, 0.2765, 0.2409



36.0438, 0.3941, 0.4288



36.0438, 0.2082, 0.2520

Square

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



36.0438, 0.3941, 0.4288



36.0438, 0.2346, 0.3507



36.0438, 0.2314, 0.2356



36.0438, 0.3942, 0.3029

Rectangle

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



36.0438, 0.3941, 0.4288



36.0438, 0.3009, 0.4226



36.0438, 0.2314, 0.2356



36.0438, 0.3156, 0.2551

Sweetspot

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



36.0455, 0.3941, 0.4288



75.4471, 0.3362, 0.3596



17.8237, 0.4227, 0.3059



16.5639, 0.3395, 0.3640



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.



36.0455, 0.3941, 0.4288



62.6925, 0.4113, 0.4468



39.0782, 0.3570, 0.4594



9.6386, 0.3268, 0.3475



21.4842, 0.4550, 0.4770



0.7444, 0.4434, 0.4861

Inverse Universe

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



15.7000, 0.2251, 0.2030



21.7116, 0.2050, 0.1710



14.3721, 0.2474, 0.1857



8.4719, 0.2985, 0.3098



3.1221, 0.1552, 0.0786



0.1730, 0.1683, 0.1260

Previews

White Background



This preview shows how the Yxy color 36.0438, 0.3941, 0.4288 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 36.0438, 0.3941, 0.4288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

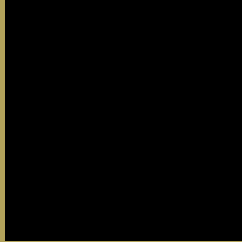
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0438, 0.3941, 0.4288

Background



This preview shows how black text looks on a background with the Yxy color 36.0438, 0.3941, 0.4288.



This preview shows how white text looks on a background with the Yxy color 36.0438, 0.3941, 0.4288.

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

36.0438, 0.3941, 0.4288

Protanopia

36.0438, 0.3941, 0.4288

Deuteranopia

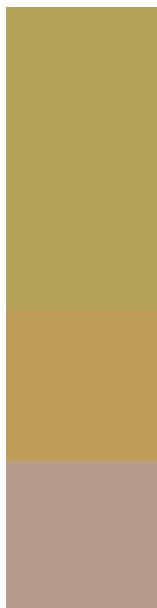
35.7542, 0.4179, 0.4092



Tritanopia

35.8134, 0.3335, 0.3128

Trichromacy



Original Color

36.0438, 0.3941, 0.4288

Protanomaly

36.0438, 0.3941, 0.4288

Deuteranomaly

35.8164, 0.4093, 0.4167

Tritanomaly

35.5570, 0.3564, 0.3543

Monochromacy



Original Color

36.0438, 0.3941, 0.4288

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.9698, 0.3426, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0438, 0.3941, 0.4288 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(178, 162, 90)` looks like.

```
.text, #text, p{  
    color:rgb(178, 162, 90)  
}
```

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(178, 162, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 162, 90) }
```

Border

The CSS property to change the border of an element to Yxy 36.0438, 0.3941, 0.4288 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(178, 162, 90) }
```

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

```
.border{ border-color:rgb(178, 162, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 162, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 162, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 162, 90);  
box-shadow:4px 4px 4px 4px rgb(178, 162,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0438, 0.3941, 0.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 162, 90) }
```

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

```
.background{ background-color: rgb(178,  
162, 90) }
```

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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