

Converting Colors

$Y_{xy}(33.1559, 0.4180, 0.4360)$

Have a look what the booklet for
Yxy(33.1559, 0.4180, 0.4360)
contains.

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Color

Yxy(33.2086, 0.4188, 0.4362)

Conversions

Conversions Part 1

Format	Color
Hex	B69949
RGB	182, 153, 73
RGB Percent	71%, 60%, 29%
CMY	0.2863, 0.4000, 0.7136
CMYK	0.00, 0.16, 0.60, 0.29
HSL	44°, 43%, 50%
HSV	44°, 60%, 71%
XYZ	31.8839, 33.2086, 11.0391
YIQ	152.5510, 42.9640, -18.7320

Conversions

Conversions Part 2

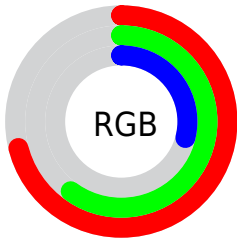
Format	Color
RYB	113, 182, 73
Decimal	11966793
CIELab	64.33, 1.17, 45.24
CIELCh	64, 45.256, 88.523
Yxy	33.2086, 0.4188, 0.4362
Android (android.graphics.Color)	4290156873 (0xFFB69949)
YUV	152.5510, -39.2186, 25.8268
Hunter-Lab	57.6269, -2.0863, 28.9812

Details

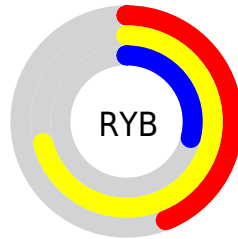
The Yxy color **33.2086, 0.4188, 0.4362** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **14.3009, 0.2087, 0.1871**, and the grayscale version is **31.8113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6061, 0.3999, 0.4174**, and **13.9963, 0.4464, 0.4628** is the 20% darker color. If you saturate the color by 10%, you get **31.4502, 0.4364, 0.4487**, and if you desaturate by 10%, it is **35.1051, 0.4000, 0.4206**.

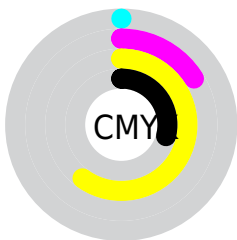
Distribution



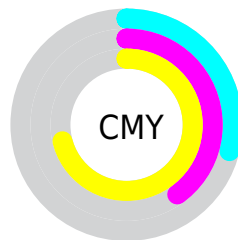
- Red (71%)
- Green (60%)
- Blue (29%)



- Red (44%)
- Yellow (71%)
- Blue (29%)



- Cyan (0%)
- Magenta (16%)
- Yellow (60%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2086, 0.4188, 0.4362 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 33.2086, 0.4188, 0.4362 by changing the saturation by 10% instead.


 33.2086, 0.4188,
0.4362


 33.2086, 0.4188,
0.4362


316.5886, 0.3653,
0.3825


 22.2863, 0.4312,
0.4485


 64.7011, 0.3998,
0.4172


 14.0674, 0.4460,
0.4630


 86.0400, 0.3925,
0.4099

 8.1676, 0.4632,
0.4796


 111.6200, 0.3862,
0.4036

 4.2024, 0.4923,
0.5077

 141.8253, 0.3809,
0.3982

 1.7874, 0.4940,
0.5060

 177.0405, 0.3762,
0.3935

 0.4793, 0.5025,
0.4975

217.6498, 0.3721,

 0.0000, 0.0000,

0.3894

0.0000

264.0377, 0.3685,
0.3858

■ 33.2086, 0.4188,
0.4362

■ 33.2086, 0.4188,
0.4362

■ 31.4502, 0.4364,
0.4487

■ 35.1051, 0.4000,
0.4206

■ 29.8181, 0.4521,
0.4571

■ 37.1412, 0.3810,
0.4030

■ 28.3055, 0.4650,
0.4609

■ 39.3243, 0.3623,
0.3843

■ 26.8966, 0.4755,
0.4606

■ 41.6598, 0.3445,
0.3653

■ 26.8781, 0.4756,
0.4606

■ 44.1526, 0.3278,
0.3467

■ 46.8073, 0.3125,
0.3288

■ 49.6285, 0.2986,
0.3119

■ 52.6202, 0.2860,
0.2962

■ 55.7866, 0.2747,
0.2816

Harmonies

Analogous

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



33.2086, 0.4513, 0.3895



33.2086, 0.4188, 0.4362



33.2086, 0.3597, 0.4592

Triad

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



33.2086, 0.4188, 0.4362



33.2086, 0.1973, 0.2993



33.2086, 0.3221, 0.2468

Complementary

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



33.2086, 0.4188, 0.4362



14.3009, 0.2087, 0.1871

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.



33.2086, 0.2555, 0.2241



33.2086, 0.4188, 0.4362



33.2086, 0.1901, 0.2472

Square

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



33.2086, 0.4188, 0.4362



33.2086, 0.2325, 0.3723



33.2086, 0.2099, 0.2231



33.2086, 0.3936, 0.2865

Rectangle

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



33.2086, 0.4188, 0.4362



33.2086, 0.3141, 0.4501



33.2086, 0.2099, 0.2231



33.2086, 0.2982, 0.2371

Sweetspot

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



33.2102, 0.4188, 0.4362



76.2281, 0.3418, 0.3624



15.6747, 0.4450, 0.2897



16.5551, 0.3468, 0.3678



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.



33.2102, 0.4188, 0.4362



56.0111, 0.4419, 0.4520



41.0564, 0.3719, 0.4809



10.0882, 0.3270, 0.3457



19.0976, 0.4748, 0.4612



0.7689, 0.4576, 0.4749

Inverse Universe

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



14.3009, 0.2087, 0.1871



18.8437, 0.1871, 0.1509



10.7693, 0.2205, 0.1492



9.0977, 0.2985, 0.3117



3.9969, 0.1595, 0.0942



0.2460, 0.1742, 0.1472

Previews

White Background



This preview shows how the Yxy color 33.2086, 0.4188, 0.4362 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 33.2086, 0.4188, 0.4362 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 33.2086, 0.4188, 0.4362

Background



This preview shows how black text looks on a background with the Yxy color 33.2086, 0.4188, 0.4362.



This preview shows how white text looks on a background with the Yxy color 33.2086, 0.4188, 0.4362.

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

33.2086, 0.4188, 0.4362

Protanopia

33.1556, 0.4059, 0.4433

Deuteranopia

33.3268, 0.4332, 0.4250



Tritanopia

33.1319, 0.3496, 0.3141

Trichromacy



Original Color

33.2086, 0.4188, 0.4362

Protanomaly

33.1672, 0.4099, 0.4406

Deuteranomaly

33.1259, 0.4281, 0.4281

Tritanomaly

32.7872, 0.3775, 0.3599

Monochromacy



Original Color

33.2086, 0.4188, 0.4362

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.1302, 0.3522, 0.3730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2086, 0.4188, 0.4362 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(182, 153, 73)` looks like.

```
.text, #text, p{  
    color:rgb(182, 153, 73)  
}
```

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(182, 153, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 153, 73) }
```

Border

The CSS property to change the border of an element to Yxy 33.2086, 0.4188, 0.4362 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(182, 153, 73) }
```

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

```
.border{ border-color:rgb(182, 153, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 153, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 153, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 153, 73);  
box-shadow:4px 4px 4px 4px rgb(182, 153,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2086, 0.4188, 0.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 153, 73) }
```

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

```
.background{ background-color: rgb(182,  
153, 73) }
```

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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