

Converting Colors

$Y_{xy}(29.0795, 0.4394, 0.4338)$

Have a look what the booklet for
Yxy(29.0795, 0.4394, 0.4338)
contains.

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Color

Yxy(29.0382, 0.4404, 0.4333)

Conversions

Conversions Part 1

Format	Color
Hex	B68C3D
RGB	182, 140, 61
RGB Percent	71%, 55%, 24%
CMY	0.2862, 0.4510, 0.7608
CMYK	0.00, 0.23, 0.66, 0.29
HSL	39°, 50%, 48%
HSV	39°, 66%, 71%
XYZ	29.5140, 29.0382, 8.4642
YIQ	143.5520, 50.3910, -15.6650

Conversions

Conversions Part 2

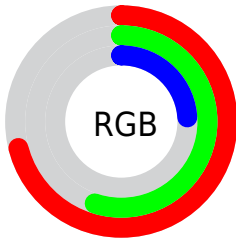
Format	Color
RYB	125, 182, 61
Decimal	11963453
CIELab	60.82, 7.48, 47.08
CIELCh	61, 47.674, 80.969
Yxy	29.0382, 0.4404, 0.4333
Android (android.graphics.Color)	4290153533 (0xFFB68C3D)
YUV	143.5520, -40.6981, 33.7189
Hunter-Lab	53.8871, 3.4622, 28.4082

Details

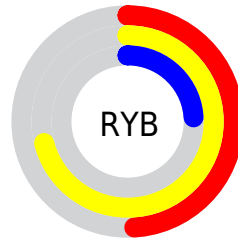
The Yxy color **29.0382, 0.4404, 0.4333** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **14.0734, 0.2017, 0.1865**, and the grayscale version is **27.8529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0106, 0.4170, 0.4151**, and **11.6855, 0.4741, 0.4561** is the 20% darker color. If you saturate the color by 10%, you get **27.0816, 0.4602, 0.4418**, and if you desaturate by 10%, it is **31.1703, 0.4193, 0.4211**.

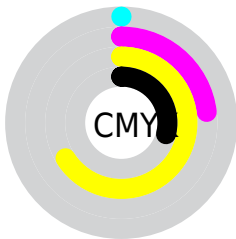
Distribution



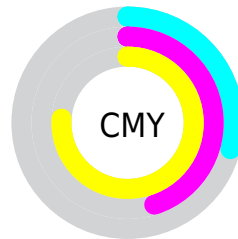
- Red (71%)
- Green (55%)
- Blue (24%)



- Red (49%)
- Yellow (71%)
- Blue (24%)



- Cyan (0%)
- Magenta (23%)
- Yellow (66%)
- Black (29%)





- Cyan (29%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.0382, 0.4404, 0.4333 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 29.0382, 0.4404, 0.4333 by changing the saturation by 10% instead.

 29.0382, 0.4404,
0.4333

 29.0382, 0.4404,
0.4333


297.3952, 0.3746,
0.3821

 19.1097, 0.4559,
0.4441


 58.1378, 0.4168,
0.4157


 11.7496, 0.4744,
0.4560


 78.0777, 0.4077,
0.4087


 6.5734, 0.4990,
0.4707

 102.1235, 0.4001,
0.4027

 3.1968, 0.5218,
0.4782

 130.6596, 0.3935,
0.3974

 1.2353, 0.5343,
0.4657

 164.0704, 0.3878,
0.3929

 0.0903, 0.7484,
0.2516

 202.7404, 0.3828,

 0.0000, 0.0000,

0.3888

0.0000

247.0538, 0.3785,
0.3853

■ 29.0382, 0.4404,
0.4333

■ 29.0382, 0.4404,
0.4333

■ 27.0816, 0.4602,
0.4418

■ 31.1703, 0.4193,
0.4211

■ 25.2874, 0.4777,
0.4457

■ 33.4813, 0.3980,
0.4062

■ 23.6457, 0.4921,
0.4446

■ 35.9799, 0.3772,
0.3898

■ 23.0977, 0.4969,
0.4437

■ 38.6724, 0.3575,
0.3727

■ 41.5650, 0.3392,
0.3557

■ 44.6635, 0.3226,
0.3393

■ 47.9732, 0.3076,
0.3236

■ 51.4993, 0.2942,
0.3090

■ 55.2468, 0.2823,
0.2954

Harmonies

Analogous

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



29.0382, 0.4671, 0.3788



29.0382, 0.4404, 0.4333



29.0382, 0.3808, 0.4696

Triad

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



29.0382, 0.4404, 0.4333



29.0382, 0.1937, 0.3142



29.0382, 0.3027, 0.2317

Complementary

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



29.0382, 0.4404, 0.4333



14.0734, 0.2017, 0.1865

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.



29.0382, 0.2350, 0.2127



29.0382, 0.4404, 0.4333



29.0382, 0.1788, 0.2502

Square

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



29.0382, 0.4404, 0.4333



29.0382, 0.2386, 0.3977



29.0382, 0.1930, 0.2174



29.0382, 0.3828, 0.2702

Rectangle

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



29.0382, 0.4404, 0.4333



29.0382, 0.3320, 0.4703



29.0382, 0.1930, 0.2174



29.0382, 0.2777, 0.2229

Sweetspot

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



29.0396, 0.4404, 0.4333



73.2816, 0.3461, 0.3622



14.2707, 0.4493, 0.2737



15.8616, 0.3512, 0.3670



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.



29.0396, 0.4404, 0.4333



47.4720, 0.4690, 0.4443



41.6755, 0.3854, 0.4888



9.9642, 0.3272, 0.3439



16.4369, 0.4958, 0.4446



0.6904, 0.4714, 0.4639

Inverse Universe

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



14.0734, 0.2017, 0.1865



18.6144, 0.1814, 0.1505



8.3844, 0.1995, 0.1253



9.2158, 0.2985, 0.3137



5.0238, 0.1650, 0.1138



0.2955, 0.1802, 0.1685

Previews

White Background



This preview shows how the Yxy color 29.0382, 0.4404, 0.4333 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0382, 0.4404, 0.4333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

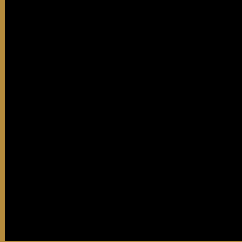
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0382, 0.4404, 0.4333

Background



This preview shows how black text looks on a background with the Yxy color 29.0382, 0.4404, 0.4333.



This preview shows how white text looks on a background with the Yxy color 29.0382, 0.4404, 0.4333.

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

29.0382, 0.4404, 0.4333

Protanopia

29.0128, 0.4108, 0.4508

Deuteranopia

29.1604, 0.4415, 0.4327



Tritanopia

29.1469, 0.3664, 0.3153

Trichromacy



Original Color

29.0382, 0.4404, 0.4333

Protanomaly

28.8404, 0.4222, 0.4441

Deuteranomaly

29.1604, 0.4415, 0.4327

Tritanomaly

28.9593, 0.3968, 0.3603

Monochromacy



Original Color

29.0382, 0.4404, 0.4333

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.1289, 0.3594, 0.3750

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0382, 0.4404, 0.4333 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, 140, 61)` looks like.

```
.text, #text, p{  
    color:rgb(182, 140, 61)  
}
```

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, 140, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 140, 61) }
```

Border

The CSS property to change the border of an element to Yxy 29.0382, 0.4404, 0.4333 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, 140, 61) }
```

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

```
.border{ border-color:rgb(182, 140, 61) }
```

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

Here you see how a box with a 4 pixel rgb(182, 140, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 140, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 140, 61);  
box-shadow:4px 4px 4px 4px rgb(182, 140,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0382, 0.4404, 0.4333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 140, 61) }
```

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

```
.background{ background-color: rgb(182,  
140, 61) }
```

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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