

Converting Colors

Yxy(30.2868, 0.4634, 0.4442)

Have a look what the booklet for
Yxy(30.2868, 0.4634, 0.4442)
contains.

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Color

Yxy(30.4163, 0.4631, 0.4448)

Conversions

Conversions Part 1

Format	Color
Hex	C08D29
RGB	192, 141, 41
RGB Percent	75%, 55%, 16%
CMY	0.2470, 0.4471, 0.8393
CMYK	0.00, 0.27, 0.79, 0.25
HSL	40°, 65%, 46%
HSV	40°, 79%, 75%
XYZ	31.6677, 30.4163, 6.2980
YIQ	144.8490, 62.4960, -20.2880

Conversions

Conversions Part 2

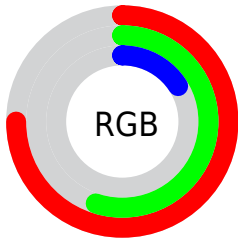
Format	Color
RYB	118, 192, 41
Decimal	12619049
CIELab	62.01, 10.37, 57.16
CIElCh	62, 58.089, 79.717
Yxy	30.4163, 0.4631, 0.4448
Android (android.graphics.Color)	4290809129 (0xFFC08D29)
YUV	144.8490, -51.1976, 41.3514
Hunter-Lab	55.1510, 5.9805, 31.8350

Details

The Yxy color **30.4163, 0.4631, 0.4448** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **11.9347, 0.1837, 0.1537**, and the grayscale version is **28.4443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0872, 0.4374, 0.4277**, and **12.5505, 0.4877, 0.4510** is the 20% darker color. If you saturate the color by 10%, you get **28.4574, 0.4795, 0.4476**, and if you desaturate by 10%, it is **32.5556, 0.4441, 0.4372**.

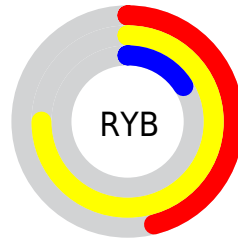
Distribution



Red (75%)

Green (55%)

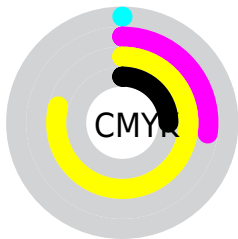
Blue (16%)



Red (46%)

Yellow (75%)

Blue (16%)

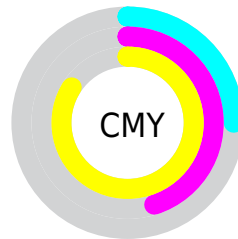


Cyan (0%)

Magenta (27%)

Yellow (79%)

Black (25%)



Cyan (25%)


Magenta (45%)


Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4163, 0.4631, 0.4448 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 30.4163, 0.4631, 0.4448 by changing the saturation by 10% instead.


 30.4163, 0.4631,
0.4448


 30.4163, 0.4631,
0.4448


303.8401, 0.3882,
0.3914


 20.1548, 0.4792,
0.4542


 60.3199, 0.4373,
0.4278


 12.5076, 0.4972,
0.4631


 80.7308, 0.4270,
0.4205

 7.0904, 0.5240,
0.4760


 105.2936, 0.4182,
0.4141

 3.5187, 0.5333,
0.4667

 134.3927, 0.4105,
0.4085

 1.4081, 0.5489,
0.4511

 168.4125, 0.4039,
0.4034

 0.2227, 0.6761,
0.3239

 207.7374, 0.3980,

 0.0000, 0.0000,

0.3990

0.0000

252.7518, 0.3928,
0.3950

■ 30.4163, 0.4631,
0.4448

■ 30.4163, 0.4631,
0.4448

■ 28.4574, 0.4795,
0.4476

■ 32.5556, 0.4441,
0.4372

■ 26.6587, 0.4929,
0.4458

■ 34.8811, 0.4235,
0.4255

■ 26.4266, 0.4947,
0.4454

■ 37.4032, 0.4024,
0.4109

■ 40.1301, 0.3816,
0.3945

■ 43.0691, 0.3617,
0.3773

■ 46.2270, 0.3431,
0.3599

■ 49.6105, 0.3261,
0.3430

■ 53.2256, 0.3107,
0.3269

■ 57.0782, 0.2970,
0.3118

Harmonies

Analogous

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



30.4163, 0.4957, 0.3796



30.4163, 0.4631, 0.4448



30.4163, 0.3927, 0.4947

Triad

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



30.4163, 0.4631, 0.4448



30.4163, 0.1746, 0.3129



30.4163, 0.2959, 0.2147

Complementary

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



30.4163, 0.4631, 0.4448



11.9347, 0.1837, 0.1537

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.



30.4163, 0.2185, 0.1939



30.4163, 0.4631, 0.4448



30.4163, 0.1577, 0.2367

Square

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



30.4163, 0.4631, 0.4448



30.4163, 0.2265, 0.4168



30.4163, 0.1725, 0.1994



30.4163, 0.3920, 0.2575

Rectangle

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



30.4163, 0.4631, 0.4448



30.4163, 0.3357, 0.5016



30.4163, 0.1725, 0.1994



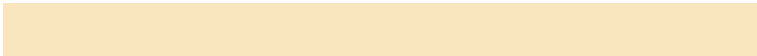
30.4163, 0.2669, 0.2051

Sweetspot

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



30.4178, 0.4631, 0.4448



80.4116, 0.3536, 0.3698



13.5999, 0.4907, 0.2718



16.8178, 0.3604, 0.3761



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



30.4178, 0.4631, 0.4448



49.2909, 0.4888, 0.4466



46.3456, 0.3914, 0.5082



11.1665, 0.3273, 0.3442



17.9260, 0.4935, 0.4463



0.8977, 0.4730, 0.4626

Inverse Universe

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



11.9347, 0.1837, 0.1537



15.0666, 0.1669, 0.1171



6.4696, 0.1788, 0.0933



10.2918, 0.2984, 0.3133



5.2250, 0.1642, 0.1109



0.3546, 0.1771, 0.1576

Previews

White Background



This preview shows how the Yxy color 30.4163, 0.4631, 0.4448 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 30.4163, 0.4631, 0.4448 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 30.4163, 0.4631, 0.4448

Background



This preview shows how black text looks on a background with the Yxy color 30.4163, 0.4631, 0.4448.



This preview shows how white text looks on a background with the Yxy color 30.4163, 0.4631, 0.4448.

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

30.4163, 0.4631, 0.4448

Protanopia

30.6325, 0.4252, 0.4711

Deuteranopia

30.6169, 0.4582, 0.4497



Tritanopia

30.4613, 0.3777, 0.3159

Trichromacy



Original Color

30.4163, 0.4631, 0.4448

Protanomaly

30.3817, 0.4399, 0.4611

Deuteranomaly

30.4464, 0.4604, 0.4479

Tritanomaly

30.0836, 0.4172, 0.3694

Monochromacy



Original Color

30.4163, 0.4631, 0.4448

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.6894, 0.3709, 0.3866

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4163, 0.4631, 0.4448 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(192, 141, 41)` looks like.

```
.text, #text, p{  
    color:rgb(192, 141, 41)  
}
```

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(192, 141, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 141, 41) }
```

Border

The CSS property to change the border of an element to Yxy 30.4163, 0.4631, 0.4448 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(192, 141, 41) }
```

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

```
.border{ border-color:rgb(192, 141, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 141, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 141, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 141, 41);  
box-shadow:4px 4px 4px 4px rgb(192, 141,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4163, 0.4631, 0.4448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 141, 41) }
```

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

```
.background{ background-color: rgb(192,  
141, 41) }
```

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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