

Converting Colors

$Yxy(29.6972, 0.4933, 0.4263)$

Have a look what the booklet for
Yxy(29.6972, 0.4933, 0.4263)
contains.

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Color

Yxy(29.7699, 0.4934, 0.4264)

Conversions

Conversions Part 1

Format	Color
Hex	D08324
RGB	208, 131, 36
RGB Percent	82%, 51%, 14%
CMY	0.1843, 0.4863, 0.8588
CMYK	0.00, 0.37, 0.83, 0.18
HSL	33°, 70%, 48%
HSV	33°, 83%, 82%
XYZ	34.4476, 29.7699, 5.5993
YIQ	143.1930, 76.3870, -13.2210

Conversions

Conversions Part 2

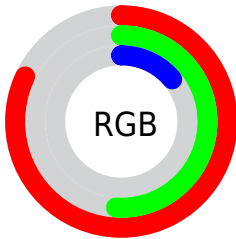
Format	Color
RYB	175, 208, 36
Decimal	13665060
CIELab	61.46, 22.63, 59.17
CIELCh	61, 63.349, 69.071
Yxy	29.7699, 0.4934, 0.4264
Android (android.graphics.Color)	4291855140 (0xFFD08324)
YUV	143.1930, -52.8461, 56.8357
Hunter-Lab	54.5618, 17.2129, 32.1087

Details

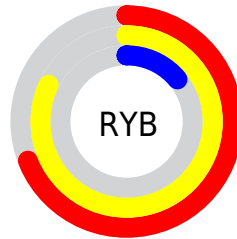
The Yxy color **29.7699, 0.4934, 0.4264** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **16.7386, 0.1863, 0.1731**, and the grayscale version is **27.7428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2792, 0.4499, 0.4204**, and **12.1808, 0.5246, 0.4217** is the 20% darker color. If you saturate the color by 10%, you get **27.2892, 0.5136, 0.4244**, and if you desaturate by 10%, it is **32.5522, 0.4701, 0.4231**.

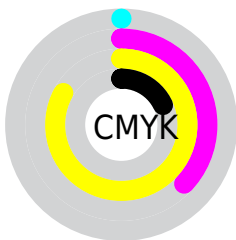
Distribution



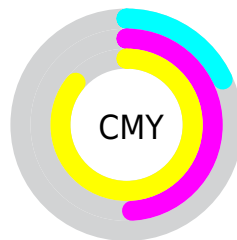
- Red (82%)
- Green (51%)
- Blue (14%)



- Red (69%)
- Yellow (82%)
- Blue (14%)



- Cyan (0%)
- Magenta (37%)
- Yellow (83%)
- Black (18%)




- Cyan (18%)
- Magenta (49%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7699, 0.4934, 0.4264 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 29.7699, 0.4934, 0.4264 by changing the saturation by 10% instead.


 29.7699, 0.4934,
0.4264


 29.7699, 0.4934,
0.4264


300.8304, 0.4026,
0.3861


 19.6640, 0.5132,
0.4312


 59.2981, 0.4619,
0.4152

 12.1510, 0.5357,
0.4336


 79.4892, 0.4495,
0.4098


 6.8466, 0.5656,
0.4344


 103.8108, 0.4388,
0.4049

 3.3664, 0.5848,
0.4152

 132.6473, 0.4295,
0.4004

 1.3259, 0.6164,
0.3836

 166.3831, 0.4215,
0.3963

 0.1611, 0.8141,
0.1859

 205.4027, 0.4144,

 0.0000, 0.0000,

0.3925

0.0000

250.0903, 0.4081,
0.3892

■ 29.7699, 0.4934,
0.4264

■ 29.7699, 0.4934,
0.4264

■ 27.2892, 0.5136,
0.4244

■ 32.5522, 0.4701,
0.4231

■ 25.6465, 0.5264,
0.4202

■ 35.6484, 0.4451,
0.4152

■ 39.0747, 0.4199,
0.4039

■ 42.8444, 0.3955,
0.3904

■ 46.9699, 0.3727,
0.3758

■ 51.4627, 0.3520,
0.3610

■ 56.3336, 0.3333,
0.3465

■ 61.5930, 0.3168,
0.3326

■ 67.2506, 0.3023,
0.3196

Harmonies

Analogous

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



29.7699, 0.5107, 0.3558



29.7699, 0.4934, 0.4264



29.7699, 0.4272, 0.4923

Triad

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



29.7699, 0.4934, 0.4264



29.7699, 0.1782, 0.3494



29.7699, 0.2604, 0.1952

Complementary

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



29.7699, 0.4934, 0.4264



16.7386, 0.1863, 0.1731

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.



29.7699, 0.1893, 0.1823



29.7699, 0.4934, 0.4264



29.7699, 0.1482, 0.2515

Square

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



29.7699, 0.4934, 0.4264



29.7699, 0.2459, 0.4644



29.7699, 0.1527, 0.1983



29.7699, 0.3613, 0.2330

Rectangle

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



29.7699, 0.4934, 0.4264



29.7699, 0.3685, 0.5183



29.7699, 0.1527, 0.1983



29.7699, 0.2327, 0.1879

Sweetspot

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



29.7714, 0.4934, 0.4264



79.6771, 0.3572, 0.3649



15.8732, 0.4724, 0.2529



16.5095, 0.3645, 0.3701



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



29.7714, 0.4934, 0.4264



40.6089, 0.5263, 0.4197



57.4371, 0.4072, 0.5026



12.8753, 0.3277, 0.3418



16.1796, 0.5245, 0.4217



1.0618, 0.5001, 0.4411

Inverse Universe

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



16.7386, 0.1863, 0.1731



19.6258, 0.1722, 0.1392



6.3647, 0.1642, 0.0799



12.2765, 0.2982, 0.3158



7.9167, 0.1728, 0.1420



0.5999, 0.1826, 0.1775

Previews

White Background



This preview shows how the Yxy color 29.7699, 0.4934, 0.4264 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 29.7699, 0.4934, 0.4264 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 29.7699, 0.4934, 0.4264

Background



This preview shows how black text looks on a background with the Yxy color 29.7699, 0.4934, 0.4264.



This preview shows how white text looks on a background with the Yxy color 29.7699, 0.4934, 0.4264.

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

29.7699, 0.4934, 0.4264

Protanopia

29.8705, 0.4273, 0.4712

Deuteranopia

29.8400, 0.4637, 0.4535



Tritanopia

29.7039, 0.4123, 0.3181

Trichromacy



Original Color

29.7699, 0.4934, 0.4264

Protanomaly

29.4376, 0.4525, 0.4541

Deuteranomaly

29.6032, 0.4749, 0.4431

Tritanomaly

29.3606, 0.4511, 0.3648

Monochromacy



Original Color

29.7699, 0.4934, 0.4264

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.6802, 0.3825, 0.3827

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7699, 0.4934, 0.4264 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(208, 131, 36)` looks like.

```
.text, #text, p{  
    color:rgb(208, 131, 36)  
}
```

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(208, 131, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 131, 36) }
```

Border

The CSS property to change the border of an element to Yxy 29.7699, 0.4934, 0.4264 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(208, 131, 36) }
```

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

```
.border{ border-color:rgb(208, 131, 36) }
```

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

Here you see how a box with a 4 pixel rgb(208, 131, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 131, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 131, 36);  
box-shadow:4px 4px 4px 4px rgb(208, 131,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7699, 0.4934, 0.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 131, 36) }
```

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

```
.background{ background-color: rgb(208,  
131, 36) }
```

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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