

Converting Colors

Yxy(30.3362, 0.4897, 0.4207)

Have a look what the booklet for
Yxy(30.3362, 0.4897, 0.4207)
contains.

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Color

Yxy(30.3936, 0.4891, 0.4210)

Conversions

Conversions Part 1

Format	Color
Hex	D2842D
RGB	210, 132, 45
RGB Percent	82%, 52%, 18%
CMY	0.1764, 0.4824, 0.8234
CMYK	0.00, 0.37, 0.79, 0.18
HSL	32°, 65%, 50%
HSV	32°, 79%, 82%
XYZ	35.3100, 30.3936, 6.4902
YIQ	145.4040, 74.4150, -10.5210

Conversions

Conversions Part 2

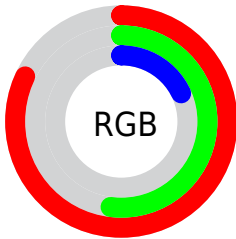
Format	Color
R _{YB}	193, 210, 45
Decimal	13796397
CIE Lab	61.99, 23.26, 56.34
CIE LCh	62, 60.957, 67.565
Yxy	30.3936, 0.4891, 0.4210
Android (android.graphics.Color)	4291986477 (0xFFD2842D)
YUV	145.4040, -49.4992, 56.6507
Hunter-Lab	55.1304, 17.8478, 31.6114

Details

The Yxy color **30.3936, 0.4891, 0.4210** 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 **19.3950, 0.1925, 0.1885**, and the grayscale version is **28.6730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8210, 0.4446, 0.4158**, and **12.5186, 0.5249, 0.4214** is the 20% darker color. If you saturate the color by 10%, you get **27.7047, 0.5120, 0.4207**, and if you desaturate by 10%, it is **33.4226, 0.4637, 0.4162**.

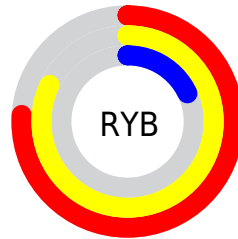
Distribution



Red (82%)

Green (52%)

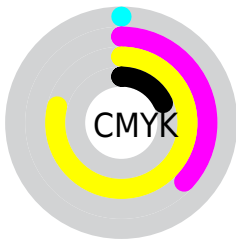
Blue (18%)



Red (76%)

Yellow (82%)

Blue (18%)

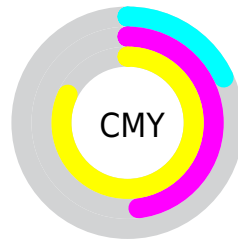


Cyan (0%)

Magenta (37%)

Yellow (79%)

Black (18%)



Cyan (18%)

Magenta (48%)

Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3936, 0.4891, 0.4210 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 30.3936, 0.4891, 0.4210 by changing the saturation by 10% instead.


 30.3936, 0.4891,
0.4210


 30.3936, 0.4891,
0.4210


303.7348, 0.3998,
0.3825


 20.1375, 0.5091,
0.4259


 60.2841, 0.4578,
0.4101


 12.4951, 0.5323,
0.4288


 80.6873, 0.4455,
0.4049


 7.0818, 0.5668,
0.4332


 105.2416, 0.4350,
0.4002

 3.5133, 0.5861,
0.4139

 134.3316, 0.4260,
0.3960

 1.4052, 0.6173,
0.3827

 168.3415, 0.4181,
0.3921

 0.2206, 0.7790,
0.2210

 207.6557, 0.4112,

 0.0000, 0.0000,

0.3886

0.0000

252.6587, 0.4052,
0.3854

■ 30.3936, 0.4891,
0.4210

■ 30.3936, 0.4891,
0.4210

■ 27.7047, 0.5120,
0.4207

■ 33.4226, 0.4637,
0.4162

■ 25.3279, 0.5313,
0.4152

■ 36.8043, 0.4373,
0.4073

■ 25.0084, 0.5340,
0.4142

■ 40.5559, 0.4114,
0.3955

■ 44.6916, 0.3869,
0.3821

■ 49.2246, 0.3644,
0.3680

■ 54.1673, 0.3442,
0.3538

■ 59.5315, 0.3263,
0.3401

■ 65.3284, 0.3106,
0.3272

■ 71.5688, 0.2968,
0.3151

Harmonies

Analogous

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



30.3936, 0.5017, 0.3528



30.3936, 0.4891, 0.4210



30.3936, 0.4279, 0.4841

Triad

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



30.3936, 0.4891, 0.4210



30.3936, 0.1860, 0.3546



30.3936, 0.2585, 0.1985

Complementary

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



30.3936, 0.4891, 0.4210



19.3950, 0.1925, 0.1885

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.



30.3936, 0.1912, 0.1874



30.3936, 0.4891, 0.4210



30.3936, 0.1546, 0.2590

Square

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



30.3936, 0.4891, 0.4210



30.3936, 0.2533, 0.4621



30.3936, 0.1571, 0.2050



30.3936, 0.3543, 0.2342

Rectangle

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



30.3936, 0.4891, 0.4210



30.3936, 0.3721, 0.5092



30.3936, 0.1571, 0.2050



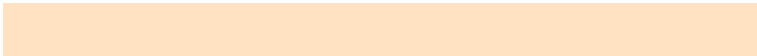
30.3936, 0.2323, 0.1919

Sweetspot

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



30.3952, 0.4891, 0.4210



79.5687, 0.3555, 0.3618



17.0595, 0.4507, 0.2464



16.4522, 0.3630, 0.3670



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.



30.3952, 0.4891, 0.4210



40.5321, 0.5248, 0.4175



59.6032, 0.4100, 0.4953



12.8247, 0.3278, 0.3413



15.4529, 0.5318, 0.4159



1.0223, 0.5057, 0.4367

Inverse Universe

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



19.3950, 0.1925, 0.1885



22.9372, 0.1777, 0.1564



7.1561, 0.1669, 0.0866



12.3266, 0.2982, 0.3164



8.5171, 0.1750, 0.1500



0.6346, 0.1846, 0.1846

Previews

White Background



This preview shows how the Yxy color 30.3936, 0.4891, 0.4210 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 30.3936, 0.4891, 0.4210 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 30.3936, 0.4891, 0.4210

Background



This preview shows how black text looks on a background with the Yxy color 30.3936, 0.4891, 0.4210.



This preview shows how white text looks on a background with the Yxy color 30.3936, 0.4891, 0.4210.

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

30.3936, 0.4891, 0.4210

Protanopia

30.6883, 0.4214, 0.4653

Deuteranopia

30.6238, 0.4576, 0.4491



Tritanopia

30.3064, 0.4115, 0.3170

Trichromacy



Original Color

30.3936, 0.4891, 0.4210

Protanomaly

30.2272, 0.4462, 0.4491

Deuteranomaly

30.5027, 0.4699, 0.4387

Tritanomaly

30.0074, 0.4467, 0.3598

Monochromacy



Original Color

30.3936, 0.4891, 0.4210

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.2953, 0.3789, 0.3762

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3936, 0.4891, 0.4210 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(210, 132, 45)` looks like.

```
.text, #text, p{  
    color:rgb(210, 132, 45)  
}
```

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(210, 132, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 132, 45) }
```

Border

The CSS property to change the border of an element to Yxy 30.3936, 0.4891, 0.4210 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(210, 132, 45) }
```

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

```
.border{ border-color:rgb(210, 132, 45) }
```

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

Here you see how a box with a 4 pixel rgb(210, 132, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 132, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 132, 45);  
box-shadow:4px 4px 4px 4px rgb(210, 132,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3936, 0.4891, 0.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 132, 45) }
```

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

```
.background{ background-color: rgb(210,  
132, 45) }
```

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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