

Converting Colors

Yxy(33.2604, 0.4362, 0.3829)

Have a look what the booklet for
Yxy(33.2604, 0.4362, 0.3829)
contains.

Yxy(33.1745, 0.4362, 0.3825)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.1745, 0.4362, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	D18C61
RGB	209, 140, 97
RGB Percent	82%, 55%, 38%
CMY	0.1804, 0.4510, 0.6195
CMYK	0.00, 0.33, 0.54, 0.18
HSL	23°, 55%, 60%
HSV	23°, 54%, 82%
XYZ	37.8319, 33.1745, 15.7243
YIQ	155.7290, 54.9270, 1.2550

Conversions

Conversions Part 2

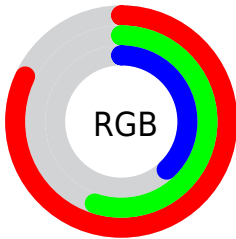
Format	Color
R_{YB}	209, 167, 97
Decimal	13732961
CIE Lab	64.30, 21.67, 33.52
CIE LCh	64, 39.916, 57.120
Yxy	33.1745, 0.4362, 0.3825
Android (android.graphics.Color)	4291923041 (0xFFD18C61)
YUV	155.7290, -28.9534, 46.7187
Hunter-Lab	57.5973, 16.4498, 24.1317

Details

The Yxy color **33.1745, 0.4362, 0.3825** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.4283, 0.2316, 0.2650**, and the grayscale version is **33.2334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9817, 0.4008, 0.3771**, and **13.9458, 0.4752, 0.3924** is the 20% darker color. If you saturate the color by 10%, you get **29.2900, 0.4685, 0.3897**, and if you desaturate by 10%, it is **37.6056, 0.4063, 0.3732**.

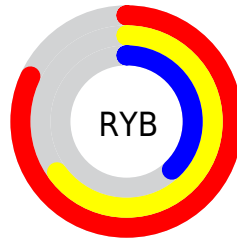
Distribution



Red (82%)

Green (55%)

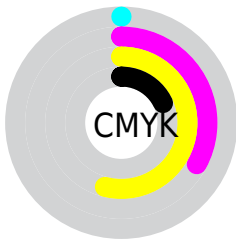
Blue (38%)



Red (82%)

Yellow (65%)

Blue (38%)

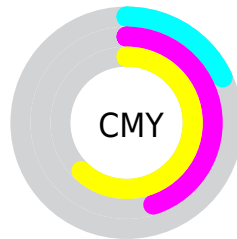


Cyan (0%)

Magenta (33%)

Yellow (54%)

Black (18%)



Cyan (18%)


Magenta (45%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1745, 0.4362, 0.3825 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 33.1745, 0.4362, 0.3825 by changing the saturation by 10% instead.


 33.1745, 0.4362,
0.3825


 33.1745, 0.4362,
0.3825


316.4353, 0.3712,
0.3579

 22.2602, 0.4529,
0.3874


 64.6479, 0.4121,
0.3744


 14.0482, 0.4745,
0.3926


 85.9757, 0.4031,
0.3711

 8.1542, 0.5027,
0.3974


 111.5435, 0.3956,
0.3681

 4.1938, 0.5427,
0.4013

 141.7356, 0.3893,
0.3656

 1.7825, 0.6010,
0.3990

176.9364, 0.3838,
0.3633

 0.4763, 0.6751,
0.3249

217.5304, 0.3790,

 0.0000, 0.0000,

0.3613

0.0000

263.9019, 0.3749,
0.3595

■ 33.1745, 0.4362,
0.3825

■ 33.1745, 0.4362,
0.3825

■ 29.2900, 0.4685,
0.3897

■ 37.6056, 0.4063,
0.3732

■ 25.9237, 0.5016,
0.3936

■ 42.6000, 0.3794,
0.3630

■ 23.0517, 0.5331,
0.3929

■ 48.1798, 0.3560,
0.3524

■ 20.6456, 0.5605,
0.3870

■ 54.3644, 0.3357,
0.3421

■ 19.3248, 0.5756,
0.3812

■ 61.1720, 0.3183,
0.3323

■ 68.6203, 0.3034,
0.3232

■ 76.7260, 0.2908,
0.3148

■ 84.8966, 0.2848,
0.3165

■ 92.2958, 0.2855,
0.3289

Harmonies

Analogous

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



33.1745, 0.4265, 0.3347



33.1745, 0.4362, 0.3825



33.1745, 0.4097, 0.4237

Triad

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



33.1745, 0.4362, 0.3825



33.1745, 0.2438, 0.3703



33.1745, 0.2596, 0.2343

Complementary

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



33.1745, 0.4362, 0.3825



34.4283, 0.2316, 0.2650

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.



33.1745, 0.2192, 0.2347



33.1745, 0.4362, 0.3825



33.1745, 0.2104, 0.3064

Square

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



33.1745, 0.4362, 0.3825



33.1745, 0.2975, 0.4249



33.1745, 0.2023, 0.2584



33.1745, 0.3185, 0.2539

Rectangle

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



33.1745, 0.4362, 0.3825



33.1745, 0.3773, 0.4403



33.1745, 0.2023, 0.2584



33.1745, 0.2437, 0.2320

Sweetspot

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



33.1762, 0.4362, 0.3825



82.6404, 0.3407, 0.3448



24.8658, 0.3699, 0.2455



17.2504, 0.3448, 0.3469



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.



33.1762, 0.4362, 0.3825



45.2846, 0.4723, 0.3904



53.8719, 0.3974, 0.4444



12.5415, 0.3281, 0.3380



12.0919, 0.5730, 0.3832



0.8279, 0.5388, 0.4104

Inverse Universe

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



34.4283, 0.2316, 0.2650



47.3443, 0.2174, 0.2488



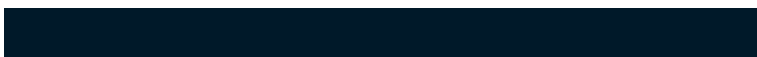
18.3174, 0.2138, 0.1778



12.6132, 0.2983, 0.3199



12.6800, 0.1886, 0.1990



0.8600, 0.1960, 0.2255

Previews

White Background



This preview shows how the Yxy color 33.1745, 0.4362, 0.3825 looks on a white background.

Color Contrast Check

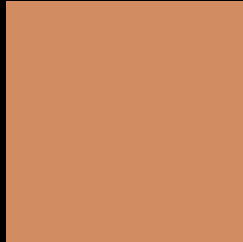
Large Text (above 18pt) WCAG AA × Fail

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 33.1745, 0.4362, 0.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

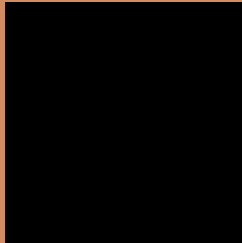
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1745, 0.4362, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 33.1745, 0.4362, 0.3825.



This preview shows how white text looks on a background with the Yxy color 33.1745, 0.4362, 0.3825.

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

33.1745, 0.4362, 0.3825

Protanopia

33.3023, 0.3777, 0.4069

Deuteranopia

33.1399, 0.4103, 0.4023



Tritanopia

33.2099, 0.3911, 0.3168

Trichromacy



Original Color

33.1745, 0.4362, 0.3825

Protanomaly

32.9426, 0.3984, 0.3974

Deuteranomaly

33.1381, 0.4190, 0.3950

Tritanomaly

33.1377, 0.4089, 0.3406

Monochromacy



Original Color

33.1745, 0.4362, 0.3825

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.6759, 0.3539, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1745, 0.4362, 0.3825 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(209, 140, 97)` looks like.

```
.text, #text, p{  
    color:rgb(209, 140, 97)  
}
```

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(209, 140, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 140, 97) }
```

Border

The CSS property to change the border of an element to Yxy 33.1745, 0.4362, 0.3825 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(209, 140, 97) }
```

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

```
.border{ border-color:rgb(209, 140, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 140, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 140, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 140, 97);  
box-shadow:4px 4px 4px 4px rgb(209, 140,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1745, 0.4362, 0.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 140, 97) }
```

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

```
.background{ background-color: rgb(209,  
140, 97) }
```

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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