

Converting Colors

$Y_{xy}(30.7268, 0.4433, 0.3713)$

Have a look what the booklet for
Yxy(30.7268, 0.4433, 0.3713)
contains.

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Color

Yxy(30.6510, 0.4432, 0.3714)

Conversions

Conversions Part 1

Format	Color
Hex	D18361
RGB	209, 131, 97
RGB Percent	82%, 51%, 38%
CMY	0.1803, 0.4863, 0.6196
CMYK	0.00, 0.37, 0.54, 0.18
HSL	18°, 55%, 60%
HSV	18°, 54%, 82%
XYZ	36.5765, 30.6510, 15.3007
YIQ	150.4460, 57.4020, 5.9620

Conversions

Conversions Part 2

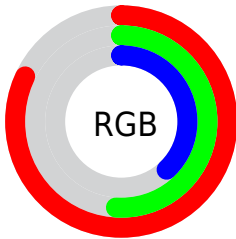
Format	Color
R_{YB}	209, 146, 97
Decimal	13730657
CIE _{Lab}	62.21, 26.56, 30.87
CIE _{LCh}	62, 40.725, 49.286
Yxy	30.6510, 0.4432, 0.3714
Android (android.graphics.Color)	4291920737 (0xFFD18361)
YUV	150.4460, -26.3489, 51.3519
Hunter-Lab	55.3633, 21.0425, 22.3684

Details

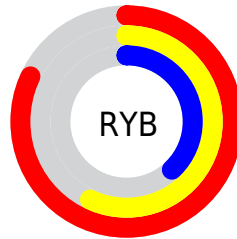
The Yxy color **30.6510, 0.4432, 0.3714** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.8322, 0.2344, 0.2790**, and the grayscale version is **30.7957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0960, 0.4049, 0.3679**, and **12.6945, 0.4848, 0.3780** is the 20% darker color. If you saturate the color by 10%, you get **26.6720, 0.4789, 0.3767**, and if you desaturate by 10%, it is **35.2858, 0.4105, 0.3642**.

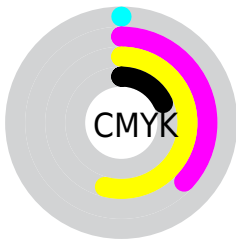
Distribution



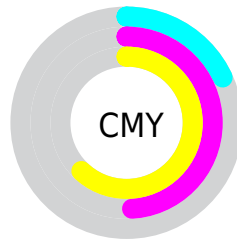
- Red (82%)
- Green (51%)
- Blue (38%)



- Red (82%)
- Yellow (57%)
- Blue (38%)



- Cyan (0%)
- Magenta (37%)
- Yellow (54%)
- Black (18%)





- Cyan (18%)
- Magenta (49%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6510, 0.4432, 0.3714 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 30.6510, 0.4432, 0.3714 by changing the saturation by 10% instead.


 30.6510, 0.4432,
0.3714


 30.6510, 0.4432,
0.3714


304.9272, 0.3734,
0.3527

 20.3332, 0.4616,
0.3747


 60.6902, 0.4170,
0.3655


 12.6375, 0.4856,
0.3778


 81.1804, 0.4073,
0.3630

 7.1794, 0.5177,
0.3796


 105.8302, 0.3993,
0.3607

 3.5746, 0.5652,
0.3797

 135.0240, 0.3925,
0.3587

 1.4385, 0.6323,
0.3677

169.1463, 0.3867,
0.3570

 0.2449, 0.7827,
0.2173

208.5813, 0.3817,

 0.0000, 0.0000,

0.3554

0.0000

253.7135, 0.3773,
0.3539

■ 30.6510, 0.4432,
0.3714

■ 30.6510, 0.4432,
0.3714

■ 26.6720, 0.4789,
0.3767

■ 35.2858, 0.4105,
0.3642

■ 23.3130, 0.5159,
0.3790

■ 40.6006, 0.3818,
0.3560

■ 20.5416, 0.5511,
0.3770

■ 46.6239, 0.3571,
0.3476

■ 18.3200, 0.5809,
0.3703

■ 53.3813, 0.3361,
0.3394

■ 17.1591, 0.5968,
0.3644

■ 60.8968, 0.3184,
0.3317

■ 69.1936, 0.3034,
0.3244

■ 78.2937, 0.2909,
0.3178

■ 87.6086, 0.2851,
0.3212

■ 92.3005, 0.2855,
0.3289

Harmonies

Analogous

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



30.6510, 0.4227, 0.3217



30.6510, 0.4432, 0.3714



30.6510, 0.4243, 0.4176

Triad

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



30.6510, 0.4432, 0.3714



30.6510, 0.2535, 0.3897



30.6510, 0.2441, 0.2283

Complementary

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



30.6510, 0.4432, 0.3714



37.8322, 0.2344, 0.2790

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.



30.6510, 0.2083, 0.2346



30.6510, 0.4432, 0.3714



30.6510, 0.2126, 0.3216

Square

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



30.6510, 0.4432, 0.3714



30.6510, 0.3130, 0.4393



30.6510, 0.1974, 0.2657



30.6510, 0.3012, 0.2437

Rectangle

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



30.6510, 0.4432, 0.3714



30.6510, 0.3943, 0.4400



30.6510, 0.1974, 0.2657



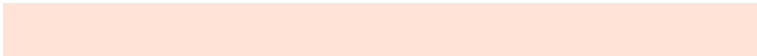
30.6510, 0.2295, 0.2279

Sweetspot

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



30.6525, 0.4432, 0.3714



80.8301, 0.3412, 0.3415



25.2245, 0.3578, 0.2353



16.8218, 0.3455, 0.3432



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.



30.6525, 0.4432, 0.3714



41.1652, 0.4831, 0.3772



49.8083, 0.4033, 0.4352



12.3845, 0.3283, 0.3361



10.7288, 0.5942, 0.3664



0.7394, 0.5576, 0.3955

Inverse Universe

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



37.8322, 0.2344, 0.2790



53.3911, 0.2216, 0.2665



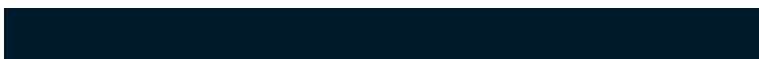
20.4408, 0.2166, 0.1917



12.7766, 0.2983, 0.3218



15.6219, 0.1966, 0.2277



1.0096, 0.2024, 0.2485

Previews

White Background



This preview shows how the Yxy color 30.6510, 0.4432, 0.3714 looks on a white background.

Color Contrast Check

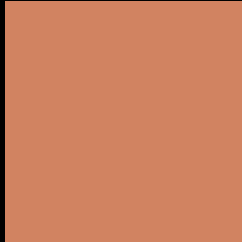
Large Text (above 18pt) WCAG AA × Fail

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 30.6510, 0.4432, 0.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

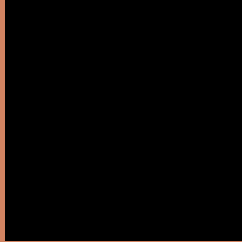
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6510, 0.4432, 0.3714

Background



This preview shows how black text looks on a background with the Yxy color 30.6510, 0.4432, 0.3714.



This preview shows how white text looks on a background with the Yxy color 30.6510, 0.4432, 0.3714.

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

30.6510, 0.4432, 0.3714

Protanopia

30.9397, 0.3707, 0.3993

Deuteranopia

30.6998, 0.4071, 0.3995



Tritanopia

30.6680, 0.4042, 0.3180

Trichromacy



Original Color

30.6510, 0.4432, 0.3714

Protanomaly

30.6091, 0.3967, 0.3892

Deuteranomaly

30.4979, 0.4208, 0.3885

Tritanomaly

30.6677, 0.4193, 0.3381

Monochromacy



Original Color

30.6510, 0.4432, 0.3714

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.9415, 0.3559, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6510, 0.4432, 0.3714 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, 131, 97)` looks like.

```
.text, #text, p{  
    color:rgb(209, 131, 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, 131, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 131, 97) }
```

Border

The CSS property to change the border of an element to Yxy 30.6510, 0.4432, 0.3714 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, 131, 97) }
```

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

```
.border{ border-color:rgb(209, 131, 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, 131, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 131, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 131, 97);  
box-shadow:4px 4px 4px 4px rgb(209, 131,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6510, 0.4432, 0.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 131, 97) }
```

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

```
.background{ background-color: rgb(209,  
131, 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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