

Converting Colors

$Yxy(31.4711, 0.3990, 0.3661)$

Have a look what the booklet for
Yxy(31.4711, 0.3990, 0.3661)
contains.

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Color

Yxy(31.4711, 0.3990, 0.3661)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C08D72 |
| RGB | 192, 141, 114 |
| RGB Percent | 75%, 55%, 45% |
| CMY | 0.2471, 0.4470, 0.5529 |
| CMYK | 0.00, 0.27, 0.41, 0.25 |
| HSL | 21°, 38%, 60% |
| HSV | 21°, 41%, 75% |
| XYZ | 34.2993, 31.4711, 20.1927 |
| YIQ | 153.1710, 39.0630, 2.4150 |

Conversions

Conversions Part 2

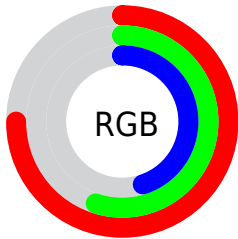
| Format | Color |
|-------------------------------------|---|
| RYB | 192, 155, 114 |
| Decimal | 12619122 |
| CIELab | 62.90, 15.87, 21.99 |
| CIElCh | 63, 27.118, 54.172 |
| Yxy | 31.4711, 0.3990, 0.3661 |
| Android (android.graphics.Color) | 4290809202 (0xFFC08D72) |
| YUV | 153.1710, -19.3113, 34.0530 |
| Hunter-Lab | 56.0991, 10.9624, 17.9281 |

Details

The Yxy color **31.4711, 0.3990, 0.3661** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.2958, 0.2511, 0.2879**, and the grayscale version is **32.0078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1074, 0.3815, 0.3600**, and **13.1939, 0.4280, 0.3754** is the 20% darker color. If you saturate the color by 10%, you get **27.5852, 0.4290, 0.3748**, and if you desaturate by 10%, it is **35.8715, 0.3726, 0.3567**.

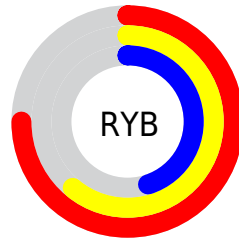
Distribution



Red (75%)

Green (55%)

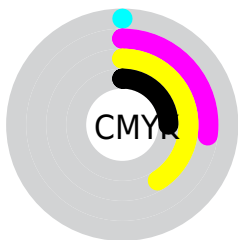
Blue (45%)



Red (75%)

Yellow (61%)

Blue (45%)

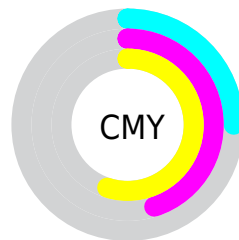


Cyan (0%)

Magenta (27%)

Yellow (41%)

Black (25%)



Cyan (25%)


Magenta (45%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4711, 0.3990, 0.3661 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 31.4711, 0.3990, 0.3661 by changing the saturation by 10% instead.


 31.4711, 0.3990,
0.3661

 31.4711, 0.3990,
0.3661


308.7028, 0.3528,
0.3479

 20.9578, 0.4115,
0.3703


 61.9810, 0.3815,
0.3597


 13.0932, 0.4280,
0.3754


 82.7465, 0.3751,
0.3572

 7.4927, 0.4508,
0.3814


 107.6981, 0.3698,
0.3551

 3.7721, 0.4837,
0.3880

 137.2203, 0.3654,
0.3532

 1.5469, 0.5738,
0.4213

171.6975, 0.3615,
0.3517

 0.3214, 0.6832,
0.3168

211.5140, 0.3582,

 0.0000, 0.0000,

0.3502

0.0000

257.0544, 0.3553,
0.3490

■ 31.4711, 0.3990,
0.3661

■ 31.4711, 0.3990,
0.3661

■ 27.5852, 0.4290,
0.3748

■ 35.8715, 0.3726,
0.3567

■ 24.1895, 0.4619,
0.3819

■ 40.8004, 0.3498,
0.3473

■ 21.2643, 0.4966,
0.3861


■ 46.2769, 0.3302,
0.3381


■ 18.7868, 0.5306,
0.3864

■ 52.3178, 0.3136,
0.3295

■ 16.7316, 0.5610,
0.3818


■ 58.9390, 0.2995,
0.3215

 15.1543, 0.5849,
0.3738

 66.1559, 0.2875,
0.3142

 73.9832, 0.2773,
0.3075

 81.5958, 0.2750,
0.3144

 89.3041, 0.2761,
0.3278

Harmonies

Analogous

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



31.4711, 0.3889, 0.3315



31.4711, 0.3990, 0.3661



31.4711, 0.3842, 0.3945

Triad

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



31.4711, 0.3990, 0.3661



31.4711, 0.2682, 0.3616



31.4711, 0.2723, 0.2601

Complementary

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



31.4711, 0.3990, 0.3661



34.2958, 0.2511, 0.2879

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.



31.4711, 0.2440, 0.2631



31.4711, 0.3990, 0.3661



31.4711, 0.2417, 0.3189

Square

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



31.4711, 0.3990, 0.3661



31.4711, 0.3076, 0.3955



31.4711, 0.2333, 0.2833



31.4711, 0.3131, 0.2730

Rectangle

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



31.4711, 0.3990, 0.3661



31.4711, 0.3631, 0.4053



31.4711, 0.2333, 0.2833



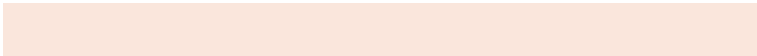
31.4711, 0.2611, 0.2593

Sweetspot

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



31.4726, 0.3990, 0.3661



82.2241, 0.3331, 0.3395



25.9980, 0.3467, 0.2602



17.3521, 0.3356, 0.3407



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.



31.4726, 0.3990, 0.3661



50.5358, 0.4264, 0.3741



44.6585, 0.3788, 0.4137



10.6353, 0.3280, 0.3370



10.3308, 0.5826, 0.3756



0.5762, 0.5391, 0.4102

Inverse Universe

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



34.2958, 0.2511, 0.2879



56.3193, 0.2383, 0.2768



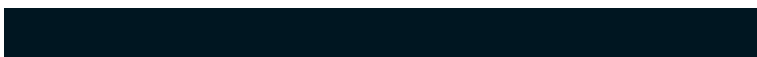
22.5674, 0.2415, 0.2267



10.8225, 0.2984, 0.3208



12.6735, 0.1925, 0.2129



0.6722, 0.2005, 0.2418

Previews

White Background



This preview shows how the Yxy color 31.4711, 0.3990, 0.3661 looks on a white background.

Color Contrast Check

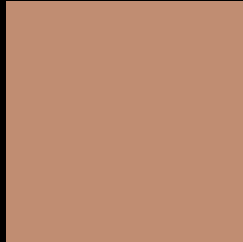
Large Text (above 18pt) WCAG AA × Fail

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 31.4711, 0.3990, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

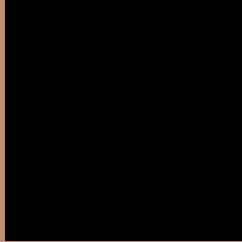
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4711, 0.3990, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 31.4711, 0.3990, 0.3661.



This preview shows how white text looks on a background with the Yxy color 31.4711, 0.3990, 0.3661.

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

31.4711, 0.3990, 0.3661

Protanopia

31.4698, 0.3553, 0.3796

Deuteranopia

31.4533, 0.3840, 0.3765



Tritanopia

31.3170, 0.3672, 0.3144

Trichromacy



Original Color

31.4711, 0.3990, 0.3661

Protanomaly

31.3484, 0.3711, 0.3749

Deuteranomaly

31.3291, 0.3896, 0.3730

Tritanomaly

31.3956, 0.3791, 0.3333

Monochromacy



Original Color

31.4711, 0.3990, 0.3661

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.5745, 0.3415, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4711, 0.3990, 0.3661 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(192, 141, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 141, 114) }
```

Border

The CSS property to change the border of an element to Yxy 31.4711, 0.3990, 0.3661 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, 114) }
```

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

```
.border{ border-color:rgb(192, 141, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 141, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 141, 114);  
box-shadow:4px 4px 4px 4px rgb(192, 141,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4711, 0.3990, 0.3661 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, 114) }
```

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

```
.background{ background-color: rgb(192,  
141, 114) }
```

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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