

Converting Colors

$Y_{xy}(31.1775, 0.3996, 0.3648)$

Have a look what the booklet for
Yxy(31.1775, 0.3996, 0.3648)
contains.

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Color

Yxy(31.1775, 0.3996, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	C08C72
RGB	192, 140, 114
RGB Percent	75%, 55%, 45%
CMY	0.2471, 0.4509, 0.5530
CMYK	0.00, 0.27, 0.41, 0.25
HSL	20°, 38%, 60%
HSV	20°, 41%, 75%
XYZ	34.1517, 31.1775, 20.1355
YIQ	152.5840, 39.3380, 2.9380

Conversions

Conversions Part 2

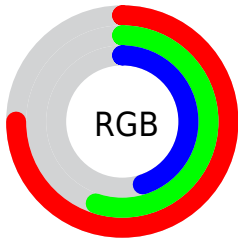
Format	Color
RYB	192, 153, 114
Decimal	12618866
CIELab	62.66, 16.42, 21.67
CIElCh	63, 27.191, 52.842
Yxy	31.1775, 0.3996, 0.3648
Android (android.graphics.Color)	4290808946 (0xFFC08C72)
YUV	152.5840, -19.0219, 34.5678
Hunter-Lab	55.8368, 11.4622, 17.7050

Details

The Yxy color **31.1775, 0.3996, 0.3648** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.6465, 0.2513, 0.2895**, and the grayscale version is **31.7368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6607, 0.3819, 0.3590**, and **13.0240, 0.4290, 0.3736** is the 20% darker color. If you saturate the color by 10%, you get **27.2618, 0.4299, 0.3732**, and if you desaturate by 10%, it is **35.6228, 0.3729, 0.3558**.

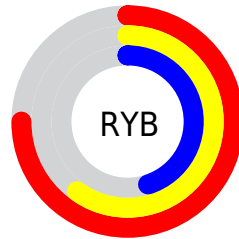
Distribution



Red (75%)

Green (55%)

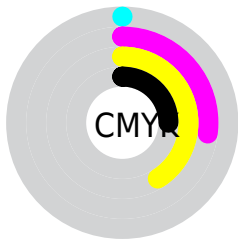
Blue (45%)



Red (75%)

Yellow (60%)

Blue (45%)

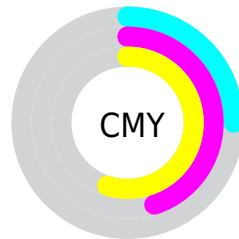


Cyan (0%)

Magenta (27%)

Yellow (41%)

Black (25%)



Cyan (25%)


Magenta (45%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1775, 0.3996, 0.3648 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 31.1775, 0.3996, 0.3648 by changing the saturation by 10% instead.

 31.1775, 0.3996,
0.3648


 31.1775, 0.3996,
0.3648


307.3552, 0.3530,
0.3473

 20.7340, 0.4122,
0.3688


 61.5194, 0.3819,
0.3586

 12.9297, 0.4290,
0.3737


 82.1867, 0.3755,
0.3563

 7.3802, 0.4521,
0.3794


 107.0307, 0.3702,
0.3542

 3.7010, 0.4856,
0.3854

 136.4358, 0.3656,
0.3524

 1.5077, 0.5785,
0.4185

170.7864, 0.3618,
0.3509

 0.2942, 0.6982,
0.3018

210.4669, 0.3584,

 0.0000, 0.0000,

0.3496

0.0000

255.8617, 0.3555,
0.3484

■ 31.1775, 0.3996,
0.3648

■ 31.1775, 0.3996,
0.3648

■ 27.2618, 0.4299,
0.3732

■ 35.6228, 0.3729,
0.3558

■ 23.8507, 0.4634,
0.3799

■ 40.6126, 0.3499,
0.3466

■ 20.9235, 0.4986,
0.3839

■ 46.1669, 0.3303,
0.3378

■ 18.4562, 0.5333,
0.3840

■ 52.3030, 0.3137,
0.3295

■ 16.4222, 0.5641,
0.3792

■ 59.0376, 0.2996,
0.3218

■ 14.8762, 0.5882,
0.3712

■ 66.3869, 0.2876,
0.3147

■ 74.3660, 0.2774,
0.3083

■ 82.1524, 0.2751,
0.3154

■ 89.9454, 0.2762,
0.3289

Harmonies

Analogous

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



31.1775, 0.3884, 0.3299



31.1775, 0.3996, 0.3648



31.1775, 0.3857, 0.3939

Triad

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



31.1775, 0.3996, 0.3648



31.1775, 0.2695, 0.3636



31.1775, 0.2705, 0.2596

Complementary

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



31.1775, 0.3996, 0.3648



34.6465, 0.2513, 0.2895

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.



31.1775, 0.2428, 0.2632



31.1775, 0.3996, 0.3648



31.1775, 0.2421, 0.3207

Square

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



31.1775, 0.3996, 0.3648



31.1775, 0.3095, 0.3970



31.1775, 0.2328, 0.2843



31.1775, 0.3111, 0.2718

Rectangle

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



31.1775, 0.3996, 0.3648



31.1775, 0.3650, 0.4053



31.1775, 0.2328, 0.2843



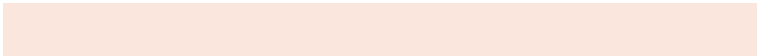
31.1775, 0.2595, 0.2589

Sweetspot

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



31.1790, 0.3996, 0.3648



82.0139, 0.3332, 0.3392



25.9917, 0.3467, 0.2602



17.3028, 0.3356, 0.3403



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.



31.1790, 0.3996, 0.3648



49.9622, 0.4273, 0.3725



44.6571, 0.3789, 0.4138



10.6146, 0.3281, 0.3367



10.1404, 0.5859, 0.3730



0.5665, 0.5418, 0.4080

Inverse Universe

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



34.6465, 0.2513, 0.2895



57.0720, 0.2387, 0.2787



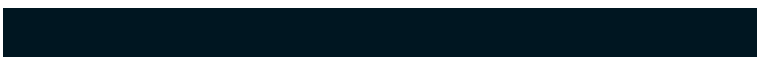
22.5596, 0.2415, 0.2266



10.8441, 0.2984, 0.3211



13.0904, 0.1937, 0.2174



0.6880, 0.2014, 0.2452

Previews

White Background



This preview shows how the Yxy color 31.1775, 0.3996, 0.3648 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 31.1775, 0.3996, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

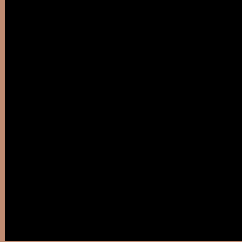
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1775, 0.3996, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 31.1775, 0.3996, 0.3648.



This preview shows how white text looks on a background with the Yxy color 31.1775, 0.3996, 0.3648.

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

31.1775, 0.3996, 0.3648

Protanopia

31.4698, 0.3553, 0.3796

Deuteranopia

31.3337, 0.3829, 0.3767



Tritanopia

31.2857, 0.3683, 0.3157

Trichromacy



Original Color

31.1775, 0.3996, 0.3648

Protanomaly

31.3484, 0.3711, 0.3749

Deuteranomaly

31.3291, 0.3896, 0.3730

Tritanomaly

31.0819, 0.3806, 0.3333

Monochromacy



Original Color

31.1775, 0.3996, 0.3648

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.2594, 0.3417, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1775, 0.3996, 0.3648 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, 140, 114)` looks like.

```
.text, #text, p{  
    color:rgb(192, 140, 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, 140, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 140, 114) }
```

Border

The CSS property to change the border of an element to Yxy 31.1775, 0.3996, 0.3648 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, 140, 114) }
```

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

```
.border{ border-color:rgb(192, 140, 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, 140, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 140, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 140, 114);  
box-shadow:4px 4px 4px 4px rgb(192, 140,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1775, 0.3996, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 140, 114) }
```

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

```
.background{ background-color: rgb(192,  
140, 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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