

Converting Colors

$Y_{xy}(31.3178, 0.4264, 0.3940)$

Have a look what the booklet for
Yxy(31.3178, 0.4264, 0.3940)
contains.

Yxy(31.4246, 0.4257, 0.3939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.4246, 0.4257, 0.3939)

Conversions

Conversions Part 1

Format	Color
Hex	C38D5C
RGB	195, 141, 92
RGB Percent	76%, 55%, 36%
CMY	0.2353, 0.4470, 0.6394
CMYK	0.00, 0.28, 0.53, 0.24
HSL	29°, 46%, 56%
HSV	29°, 53%, 76%
XYZ	33.9615, 31.4246, 14.3920
YIQ	151.5600, 47.9130, -3.7910

Conversions

Conversions Part 2

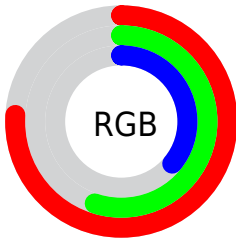
Format	Color
RYB	195, 185, 92
Decimal	12815708
CIELab	62.86, 14.87, 34.09
CIElCh	63, 37.196, 66.437
Yxy	31.4246, 0.4257, 0.3939
Android (android.graphics.Color)	4291005788 (0xFFC38D5C)
YUV	151.5600, -29.3631, 38.0969
Hunter-Lab	56.0576, 10.0402, 24.0185

Details

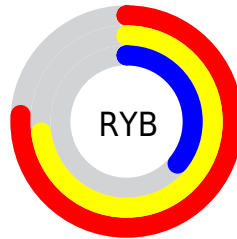
The Yxy color **31.4246, 0.4257, 0.3939** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **26.7588, 0.2297, 0.2506**, and the grayscale version is **31.3129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0842, 0.4035, 0.3833**, and **13.0673, 0.4604, 0.4099** is the 20% darker color. If you saturate the color by 10%, you get **28.2520, 0.4539, 0.4035**, and if you desaturate by 10%, it is **34.9661, 0.3991, 0.3823**.

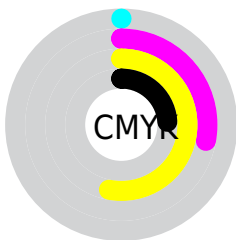
Distribution



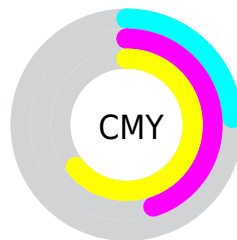
- Red (76%)
- Green (55%)
- Blue (36%)



- Red (76%)
- Yellow (73%)
- Blue (36%)



- Cyan (0%)
- Magenta (28%)
- Yellow (53%)
- Black (24%)





- Cyan (24%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4246, 0.4257, 0.3939 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 31.4246, 0.4257, 0.3939 by changing the saturation by 10% instead.


 31.4246, 0.4257,
0.3939

 31.4246, 0.4257,
0.3939


308.4897, 0.3660,
0.3624

 20.9224, 0.4411,
0.4008


 61.9079, 0.4035,
0.3830

 13.0673, 0.4609,
0.4088


 82.6579, 0.3953,
0.3787

 7.4749, 0.4868,
0.4174


 107.5925, 0.3884,
0.3750

 3.7608, 0.5274,
0.4300

 137.0962, 0.3826,
0.3718

 1.5407, 0.5715,
0.4285

171.5534, 0.3775,
0.3690

 0.3171, 0.6769,
0.3231

211.3484, 0.3732,

 0.0000, 0.0000,

0.3666

0.0000

256.8657, 0.3694,
0.3644

■ 31.4246, 0.4257,
0.3939

■ 31.4246, 0.4257,
0.3939

■ 28.2520, 0.4539,
0.4035

■ 34.9661, 0.3991,
0.3823

■ 25.4293, 0.4824,
0.4098

■ 38.8853, 0.3748,
0.3696

■ 22.9424, 0.5095,
0.4115

■ 43.1963, 0.3530,
0.3568

■ 20.7736, 0.5333,
0.4080

■ 47.9108, 0.3338,
0.3442

■ 19.3986, 0.5483,
0.4028

■ 53.0401, 0.3171,
0.3323

■ 58.5951, 0.3025,
0.3211

■ 64.5861, 0.2899,
0.3107

■ 71.0230, 0.2789,
0.3012

■ 77.0864, 0.2759,
0.3052

Harmonies

Analogous

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



31.4246, 0.4275, 0.3492



31.4246, 0.4257, 0.3939



31.4246, 0.3920, 0.4280

Triad

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



31.4246, 0.4257, 0.3939



31.4246, 0.2349, 0.3490



31.4246, 0.2783, 0.2424

Complementary

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



31.4246, 0.4257, 0.3939



26.7588, 0.2297, 0.2506

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.



31.4246, 0.2333, 0.2366



31.4246, 0.4257, 0.3939



31.4246, 0.2101, 0.2914

Square

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



31.4246, 0.4257, 0.3939



31.4246, 0.2812, 0.4063



31.4246, 0.2098, 0.2524



31.4246, 0.3374, 0.2665

Rectangle

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



31.4246, 0.4257, 0.3939



31.4246, 0.3578, 0.4373



31.4246, 0.2098, 0.2524



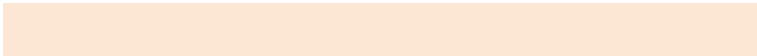
31.4246, 0.2612, 0.2383

Sweetspot

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



31.4261, 0.4257, 0.3939



82.8465, 0.3401, 0.3485



21.3543, 0.3807, 0.2574



17.7524, 0.3441, 0.3511



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.



31.4261, 0.4257, 0.3939



49.9924, 0.4571, 0.4044



49.8843, 0.3907, 0.4513



10.8510, 0.3277, 0.3400



12.7738, 0.5461, 0.4046



0.6899, 0.5106, 0.4327

Inverse Universe

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



26.7588, 0.2297, 0.2506



40.7511, 0.2140, 0.2303



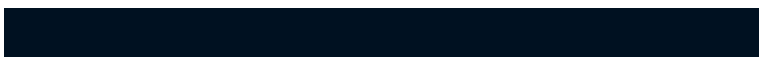
14.4699, 0.2130, 0.1676



10.6018, 0.2984, 0.3178



8.9304, 0.1799, 0.1676



0.5232, 0.1908, 0.2067

Previews

White Background



This preview shows how the Yxy color 31.4246, 0.4257, 0.3939 looks on a white background.

Color Contrast Check

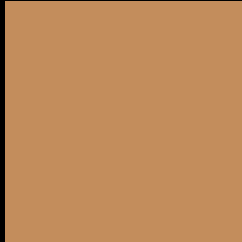
Large Text (above 18pt) WCAG AA × Fail

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 31.4246, 0.4257, 0.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

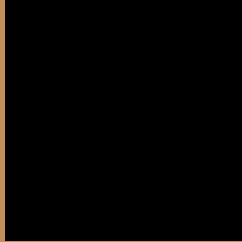
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4246, 0.4257, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 31.4246, 0.4257, 0.3939.



This preview shows how white text looks on a background with the Yxy color 31.4246, 0.4257, 0.3939.

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

31.4246, 0.4257, 0.3939

Protanopia

31.4080, 0.3821, 0.4129

Deuteranopia

31.3204, 0.4127, 0.4036



Tritanopia

31.2366, 0.3746, 0.3146

Trichromacy



Original Color

31.4246, 0.4257, 0.3939

Protanomaly

31.3531, 0.3978, 0.4051

Deuteranomaly

31.5207, 0.4178, 0.4009

Tritanomaly

31.4034, 0.3943, 0.3439

Monochromacy



Original Color

31.4246, 0.4257, 0.3939

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.1163, 0.3521, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4246, 0.4257, 0.3939 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(195, 141, 92)` looks like.

```
.text, #text, p{  
    color:rgb(195, 141, 92)  
}
```

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(195, 141, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 141, 92) }
```

Border

The CSS property to change the border of an element to Yxy 31.4246, 0.4257, 0.3939 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(195, 141, 92) }
```

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

```
.border{ border-color:rgb(195, 141, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 141, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 141, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 141, 92);  
box-shadow:4px 4px 4px 4px rgb(195, 141,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4246, 0.4257, 0.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 141, 92) }
```

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

```
.background{ background-color: rgb(195,  
141, 92) }
```

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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