

Converting Colors

$Y_{xy}(35.5898, 0.4212, 0.4248)$

Have a look what the booklet for
Yxy(35.5898, 0.4212, 0.4248)
contains.

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Color

Yxy(35.7236, 0.4208, 0.4246)

Conversions

Conversions Part 1

Format	Color
Hex	C19C52
RGB	193, 156, 82
RGB Percent	76%, 61%, 32%
CMY	0.2431, 0.3882, 0.6785
CMYK	0.00, 0.19, 0.58, 0.24
HSL	40°, 47%, 54%
HSV	40°, 58%, 76%
XYZ	35.4039, 35.7236, 13.0072
YIQ	158.6270, 45.8060, -15.1700

Conversions

Conversions Part 2

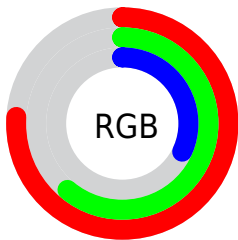
Format	Color
RYB	138, 193, 82
Decimal	12688466
CIELab	66.31, 4.98, 43.41
CIELCh	66, 43.695, 83.457
Yxy	35.7236, 0.4208, 0.4246
Android (android.graphics.Color)	4290878546 (0xFFC19C52)
YUV	158.6270, -37.7771, 30.1451
Hunter-Lab	59.7692, 1.1371, 28.9355

Details

The Yxy color **35.7236, 0.4208, 0.4246** 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 **18.8316, 0.2151, 0.2056**, and the grayscale version is **34.6519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4821, 0.4019, 0.4082**, and **15.5258, 0.4505, 0.4475** is the 20% darker color. If you saturate the color by 10%, you get **33.3698, 0.4413, 0.4367**, and if you desaturate by 10%, it is **38.2777, 0.3998, 0.4097**.

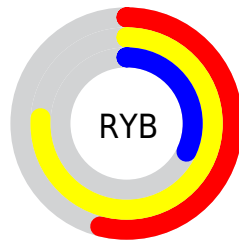
Distribution



Red (76%)

Green (61%)

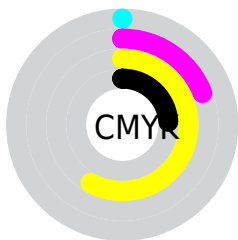
Blue (32%)



Red (54%)

Yellow (76%)

Blue (32%)

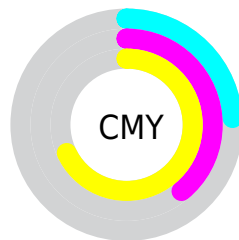


Cyan (0%)

Magenta (19%)

Yellow (58%)

Black (24%)



Cyan (24%)


Magenta (39%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.7236, 0.4208, 0.4246 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 35.7236, 0.4208, 0.4246 by changing the saturation by 10% instead.

 35.7236, 0.4208,
0.4246


 35.7236, 0.4208,
0.4246


327.7508, 0.3663,
0.3777


 24.2208, 0.4337,
0.4351


 68.6052, 0.4013,
0.4082

 15.4975, 0.4494,
0.4475


 90.7529, 0.3938,
0.4018


 9.1693, 0.4684,
0.4615


 117.2176, 0.3875,
0.3964

 4.8518, 0.5006,
0.4858

 148.3837, 0.3820,
0.3916

 2.1605, 0.5136,
0.4864

 184.6357, 0.3773,
0.3875

 0.6984, 0.5293,
0.4707

226.3580, 0.3732,

 0.0000, 0.0000,

0.3838

0.0000

273.9349, 0.3695,
0.3806

■ 35.7236, 0.4208,
0.4246

■ 35.7236, 0.4208,
0.4246

■ 33.3698, 0.4413,
0.4367

■ 38.2777, 0.3998,
0.4097

■ 31.2024, 0.4603,
0.4449

■ 41.0351, 0.3791,
0.3930

■ 29.2129, 0.4768,
0.4484

■ 44.0048, 0.3594,
0.3756

■ 27.3875, 0.4903,
0.4470

■ 47.1937, 0.3411,
0.3582

■ 26.9557, 0.4935,
0.4464

■ 50.6082, 0.3243,
0.3412

■ 54.2544, 0.3091,
0.3251

■ 58.1381, 0.2955,
0.3100

■ 62.2650, 0.2833,
0.2959

■ 66.5962, 0.2729,
0.2837

Harmonies

Analogous

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



35.7236, 0.4453, 0.3789



35.7236, 0.4208, 0.4246



35.7236, 0.3683, 0.4505

Triad

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



35.7236, 0.4208, 0.4246



35.7236, 0.2071, 0.3121



35.7236, 0.3103, 0.2460

Complementary

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



35.7236, 0.4208, 0.4246



18.8316, 0.2151, 0.2056

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.



35.7236, 0.2497, 0.2276



35.7236, 0.4208, 0.4246



35.7236, 0.1955, 0.2584

Square

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



35.7236, 0.4208, 0.4246



35.7236, 0.2452, 0.3816



35.7236, 0.2101, 0.2306



35.7236, 0.3784, 0.2816

Rectangle

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



35.7236, 0.4208, 0.4246



35.7236, 0.3256, 0.4467



35.7236, 0.2101, 0.2306



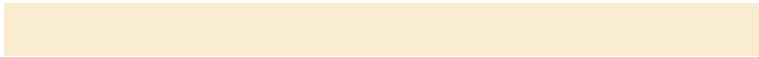
35.7236, 0.2883, 0.2377

Sweetspot

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



35.7253, 0.4208, 0.4246



84.6737, 0.3406, 0.3577



18.7009, 0.4255, 0.2808



17.9102, 0.3442, 0.3612



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.



35.7253, 0.4208, 0.4246



58.7396, 0.4463, 0.4392



47.8067, 0.3772, 0.4726



11.1744, 0.3273, 0.3443



18.0798, 0.4923, 0.4473



0.9036, 0.4722, 0.4633

Inverse Universe

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



18.8316, 0.2151, 0.2056



25.8021, 0.1951, 0.1736



12.6187, 0.2176, 0.1529



10.2842, 0.2984, 0.3132



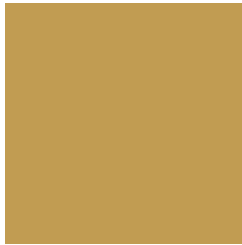
5.1563, 0.1638, 0.1097



0.3511, 0.1768, 0.1564

Previews

White Background



This preview shows how the Yxy color 35.7236, 0.4208, 0.4246 looks on a white background.

Color Contrast Check

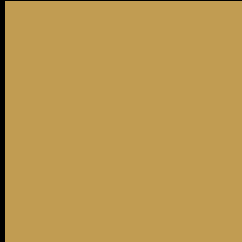
Large Text (above 18pt) WCAG AA × Fail

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 35.7236, 0.4208, 0.4246 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 35.7236, 0.4208, 0.4246

Background



This preview shows how black text looks on a background with the Yxy color 35.7236, 0.4208, 0.4246.



This preview shows how white text looks on a background with the Yxy color 35.7236, 0.4208, 0.4246.

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

35.7236, 0.4208, 0.4246

Protanopia

35.9457, 0.3989, 0.4361

Deuteranopia

35.7415, 0.4267, 0.4190



Tritanopia

35.5128, 0.3552, 0.3135

Trichromacy



Original Color

35.7236, 0.4208, 0.4246

Protanomaly

35.8334, 0.4064, 0.4327

Deuteranomaly

35.8030, 0.4239, 0.4210

Tritanomaly

35.3217, 0.3817, 0.3545

Monochromacy



Original Color

35.7236, 0.4208, 0.4246

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.7503, 0.3512, 0.3685

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7236, 0.4208, 0.4246 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(193, 156, 82)` looks like.

```
.text, #text, p{  
    color:rgb(193, 156, 82)  
}
```

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(193, 156, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 156, 82) }
```

Border

The CSS property to change the border of an element to Yxy 35.7236, 0.4208, 0.4246 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(193, 156, 82) }
```

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

```
.border{ border-color:rgb(193, 156, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 156, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 156, 82); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 156, 82); box-shadow:4px 4px 4px 4px rgb(193, 156, 82) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7236, 0.4208, 0.4246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 156, 82) }
```

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

```
.background{ background-color: rgb(193,  
156, 82) }
```

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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