

Converting Colors

$Y_{xy}(35.3238, 0.4380, 0.4439)$

Have a look what the booklet for
Yxy(35.3238, 0.4380, 0.4439)
contains.

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Color

Yxy(35.2489, 0.4382, 0.4437)

Conversions

Conversions Part 1

Format	Color
Hex	C29B3D
RGB	194, 155, 61
RGB Percent	76%, 61%, 24%
CMY	0.2392, 0.3921, 0.7608
CMYK	0.00, 0.20, 0.69, 0.24
HSL	42°, 52%, 50%
HSV	42°, 69%, 76%
XYZ	34.8120, 35.2489, 9.3822
YIQ	155.9450, 53.4180, -20.9660

Conversions

Conversions Part 2

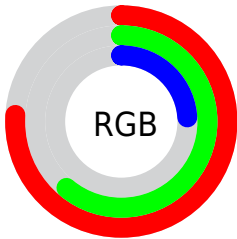
Format	Color
RYB	116, 194, 61
Decimal	12753725
CIELab	65.94, 4.54, 52.94
CIELCh	66, 53.136, 85.097
Yxy	35.2489, 0.4382, 0.4437
Android (android.graphics.Color)	4290943805 (0xFFC29B3D)
YUV	155.9450, -46.8079, 33.3742
Hunter-Lab	59.3708, 0.7643, 32.1901

Details

The Yxy color **35.2489, 0.4382, 0.4437** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **13.9992, 0.1952, 0.1685**, and the grayscale version is **33.4154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8640, 0.4173, 0.4249**, and **15.2190, 0.4680, 0.4666** is the 20% darker color. If you saturate the color by 10%, you get **33.2291, 0.4553, 0.4522**, and if you desaturate by 10%, it is **37.4370, 0.4193, 0.4312**.

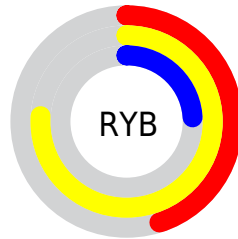
Distribution



Red (76%)

Green (61%)

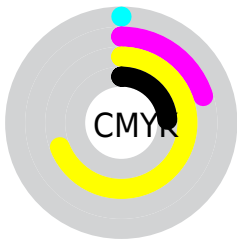
Blue (24%)



Red (45%)

Yellow (76%)

Blue (24%)

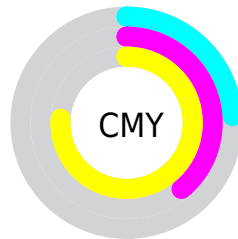


Cyan (0%)

Magenta (20%)

Yellow (69%)

Black (24%)



Cyan (24%)


Magenta (39%)


Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.2489, 0.4382, 0.4437 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 35.2489, 0.4382, 0.4437 by changing the saturation by 10% instead.


 35.2489, 0.4382,
0.4437


 35.2489, 0.4382,
0.4437


325.6656, 0.3765,
0.3889


 23.8547, 0.4517,
0.4550


 67.8712, 0.4168,
0.4252


 15.2258, 0.4673,
0.4674


 89.8680, 0.4084,
0.4178


 8.9780, 0.4854,
0.4808

 116.1678, 0.4011,
0.4113

 4.7269, 0.5059,
0.4941

 147.1550, 0.3949,
0.4056

 2.0879, 0.5116,
0.4884

 183.2140, 0.3894,
0.4007

 0.6578, 0.5281,
0.4719

224.7292, 0.3845,

 0.0000, 0.0000,

0.3963

0.0000

272.0849, 0.3803,
0.3924

■ 35.2489, 0.4382,
0.4437

■ 35.2489, 0.4382,
0.4437

■ 33.2291, 0.4553,
0.4522

■ 37.4370, 0.4193,
0.4312

■ 31.3625, 0.4697,
0.4559

■ 39.7966, 0.3996,
0.4158

■ 29.6357, 0.4813,
0.4550

■ 42.3372, 0.3798,
0.3985

■ 29.3957, 0.4829,
0.4548

■ 45.0657, 0.3607,
0.3802

■ 47.9885, 0.3426,
0.3618

■ 51.1117, 0.3259,
0.3438

■ 54.4410, 0.3106,
0.3266

■ 57.9817, 0.2968,
0.3104

■ 61.7391, 0.2844,
0.2954

Harmonies

Analogous

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



35.2489, 0.4724, 0.3879



35.2489, 0.4382, 0.4437



35.2489, 0.3728, 0.4780

Triad

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



35.2489, 0.4382, 0.4437



35.2489, 0.1851, 0.3021



35.2489, 0.3133, 0.2325

Complementary

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



35.2489, 0.4382, 0.4437



13.9992, 0.1952, 0.1685

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.



35.2489, 0.2400, 0.2097



35.2489, 0.4382, 0.4437



35.2489, 0.1742, 0.2401

Square

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



35.2489, 0.4382, 0.4437



35.2489, 0.2271, 0.3889



35.2489, 0.1928, 0.2108



35.2489, 0.3968, 0.2745

Rectangle

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



35.2489, 0.4382, 0.4437



35.2489, 0.3214, 0.4741



35.2489, 0.1928, 0.2108



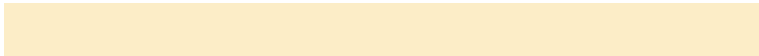
35.2489, 0.2865, 0.2225

Sweetspot

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



35.2506, 0.4382, 0.4437



85.4377, 0.3475, 0.3669



15.7437, 0.4694, 0.2814



18.3815, 0.3525, 0.3721



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.



35.2506, 0.4382, 0.4437



58.5651, 0.4625, 0.4545



47.1803, 0.3808, 0.4969



11.2434, 0.3272, 0.3452



19.4739, 0.4818, 0.4556



0.9559, 0.4648, 0.4691

Inverse Universe

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



13.9992, 0.1952, 0.1685



17.9605, 0.1751, 0.1315



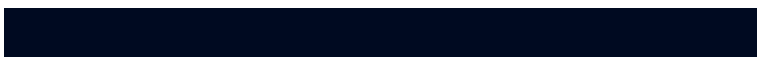
9.2867, 0.2007, 0.1211



10.2185, 0.2984, 0.3123



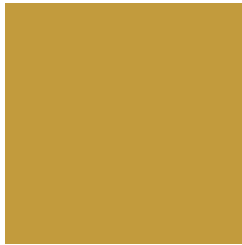
4.6020, 0.1611, 0.0999



0.3216, 0.1740, 0.1465

Previews

White Background



This preview shows how the Yxy color 35.2489, 0.4382, 0.4437 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 35.2489, 0.4382, 0.4437 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 35.2489, 0.4382, 0.4437

Background



This preview shows how black text looks on a background with the Yxy color 35.2489, 0.4382, 0.4437.



This preview shows how white text looks on a background with the Yxy color 35.2489, 0.4382, 0.4437.

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

35.2489, 0.4382, 0.4437

Protanopia

35.4323, 0.4159, 0.4571

Deuteranopia

35.4096, 0.4455, 0.4373



Tritanopia

35.0686, 0.3610, 0.3148

Trichromacy



Original Color

35.2489, 0.4382, 0.4437

Protanomaly

35.3344, 0.4235, 0.4530

Deuteranomaly

35.4648, 0.4426, 0.4395

Tritanomaly

34.8811, 0.3937, 0.3663

Monochromacy



Original Color

35.2489, 0.4382, 0.4437

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.7035, 0.3605, 0.3807

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2489, 0.4382, 0.4437 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(194, 155, 61)` looks like.

```
.text, #text, p{  
    color:rgb(194, 155, 61)  
}
```

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(194, 155, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 155, 61) }
```

Border

The CSS property to change the border of an element to Yxy 35.2489, 0.4382, 0.4437 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(194, 155, 61) }
```

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

```
.border{ border-color:rgb(194, 155, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 155, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 155, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 155, 61);  
box-shadow:4px 4px 4px 4px rgb(194, 155,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2489, 0.4382, 0.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 155, 61) }
```

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

```
.background{ background-color: rgb(194,  
155, 61) }
```

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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