

Converting Colors

$Yxy(35.3686, 0.4483, 0.4432)$

Have a look what the booklet for
Yxy(35.3686, 0.4483, 0.4432)
contains.

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Color

Yxy(35.2101, 0.4484, 0.4427)

Conversions

Conversions Part 1

Format	Color
Hex	C79938
RGB	199, 153, 56
RGB Percent	78%, 60%, 22%
CMY	0.2195, 0.4000, 0.7803
CMYK	0.00, 0.23, 0.72, 0.22
HSL	41°, 56%, 50%
HSV	41°, 72%, 78%
XYZ	35.6634, 35.2101, 8.6614
YIQ	155.6960, 58.5530, -20.4150

Conversions

Conversions Part 2

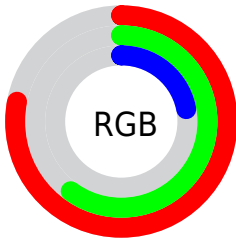
Format	Color
RYB	124, 199, 56
Decimal	13080888
CIELab	65.91, 7.56, 55.21
CIElCh	66, 55.729, 82.199
Yxy	35.2101, 0.4484, 0.4427
Android (android.graphics.Color)	4291270968 (0xFFC79938)
YUV	155.6960, -49.1501, 37.9776
Hunter-Lab	59.3381, 3.4406, 32.8823

Details

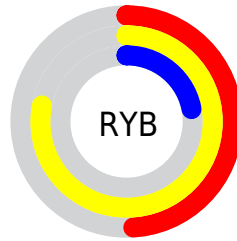
The Yxy color **35.2101, 0.4484, 0.4427** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **14.4804, 0.1917, 0.1662**, and the grayscale version is **33.3095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9684, 0.4224, 0.4270**, and **15.1655, 0.4769, 0.4596** is the 20% darker color. If you saturate the color by 10%, you get **33.0131, 0.4659, 0.4491**, and if you desaturate by 10%, it is **37.6006, 0.4288, 0.4320**.

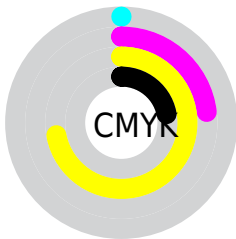
Distribution



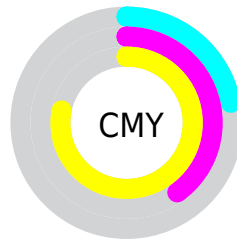
- Red (78%)
- Green (60%)
- Blue (22%)



- Red (49%)
- Yellow (78%)
- Blue (22%)



- Cyan (0%)
- Magenta (23%)
- Yellow (72%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2101, 0.4484, 0.4427 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 35.2101, 0.4484, 0.4427 by changing the saturation by 10% instead.


 35.2101, 0.4484,
0.4427

 35.2101, 0.4484,
0.4427

325.4947, 0.3818,
0.3896


 23.8248, 0.4628,
0.4530


 67.8111, 0.4254,
0.4252

 15.2037, 0.4794,
0.4638


 89.7956, 0.4163,
0.4181


 8.9625, 0.4995,
0.4756


 116.0819, 0.4085,
0.4118

 4.7167, 0.5181,
0.4819

 147.0544, 0.4017,
0.4062

 2.0820, 0.5274,
0.4726

 183.0976, 0.3958,
0.4013

 0.6545, 0.5521,
0.4479

 224.5958, 0.3905,

 0.0000, 0.0000,

0.3970

0.0000

271.9333, 0.3859,
0.3931

■ 35.2101, 0.4484,
0.4427

■ 35.2101, 0.4484,
0.4427

■ 33.0131, 0.4659,
0.4491

■ 37.6006, 0.4288,
0.4320

■ 30.9927, 0.4806,
0.4505

■ 40.1893, 0.4083,
0.4179

■ 29.4618, 0.4906,
0.4486

■ 42.9867, 0.3876,
0.4016

■ 46.0008, 0.3676,
0.3842

■ 49.2392, 0.3488,
0.3664

■ 52.7087, 0.3314,
0.3488

■ 56.4160, 0.3155,
0.3320

■ 60.3671, 0.3012,
0.3161

■ 64.5682, 0.2883,
0.3013

Harmonies

Analogous

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



35.2101, 0.4806, 0.3833



35.2101, 0.4484, 0.4427



35.2101, 0.3821, 0.4834

Triad

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



35.2101, 0.4484, 0.4427



35.2101, 0.1824, 0.3083



35.2101, 0.3047, 0.2253

Complementary

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



35.2101, 0.4484, 0.4427



14.4804, 0.1917, 0.1662

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.



35.2101, 0.2307, 0.2040



35.2101, 0.4484, 0.4427



35.2101, 0.1684, 0.2405

Square

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



35.2101, 0.4484, 0.4427



35.2101, 0.2288, 0.4010



35.2101, 0.1848, 0.2074



35.2101, 0.3927, 0.2672

Rectangle

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



35.2101, 0.4484, 0.4427



35.2101, 0.3289, 0.4843



35.2101, 0.1848, 0.2074



35.2101, 0.2774, 0.2157

Sweetspot

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



35.2118, 0.4484, 0.4427



85.9136, 0.3496, 0.3672



15.9698, 0.4728, 0.2750



18.0478, 0.3547, 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.



35.2118, 0.4484, 0.4427



55.8367, 0.4743, 0.4505



50.2794, 0.3865, 0.5001



11.8191, 0.3273, 0.3446



19.1040, 0.4894, 0.4496



1.0316, 0.4714, 0.4639

Inverse Universe

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



14.4804, 0.1917, 0.1662



17.9579, 0.1727, 0.1295



8.6553, 0.1911, 0.1101



10.8356, 0.2983, 0.3129



5.1553, 0.1630, 0.1066



0.3763, 0.1750, 0.1499

Previews

White Background



This preview shows how the Yxy color 35.2101, 0.4484, 0.4427 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 35.2101, 0.4484, 0.4427 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 35.2101, 0.4484, 0.4427

Background



This preview shows how black text looks on a background with the Yxy color 35.2101, 0.4484, 0.4427.



This preview shows how white text looks on a background with the Yxy color 35.2101, 0.4484, 0.4427.

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

35.2101, 0.4484, 0.4427

Protanopia

35.3789, 0.4189, 0.4618

Deuteranopia

35.0214, 0.4504, 0.4411



Tritanopia

35.0998, 0.3691, 0.3151

Trichromacy



Original Color

35.2101, 0.4484, 0.4427

Protanomaly

35.1882, 0.4296, 0.4551

Deuteranomaly

35.0214, 0.4504, 0.4411

Tritanomaly

34.8720, 0.4033, 0.3669

Monochromacy



Original Color

35.2101, 0.4484, 0.4427

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.5694, 0.3640, 0.3804

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2101, 0.4484, 0.4427 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(199, 153, 56)` looks like.

```
.text, #text, p{  
    color:rgb(199, 153, 56)  
}
```

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(199, 153, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 153, 56) }
```

Border

The CSS property to change the border of an element to Yxy 35.2101, 0.4484, 0.4427 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(199, 153, 56) }
```

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

```
.border{ border-color:rgb(199, 153, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 153, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 153, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 153, 56);  
box-shadow:4px 4px 4px 4px rgb(199, 153,  
56) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2101, 0.4484, 0.4427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 153, 56) }
```

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

```
.background{ background-color: rgb(199,  
153, 56) }
```

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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