

Converting Colors

Yxy(36.4123, 0.4626, 0.4492)

Have a look what the booklet for
Yxy(36.4123, 0.4626, 0.4492)
contains.

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Color

Yxy(36.3931, 0.4621, 0.4496)

Conversions

Conversions Part 1

Format	Color
Hex	CE9A29
RGB	206, 154, 41
RGB Percent	81%, 60%, 16%
CMY	0.1922, 0.3960, 0.8393
CMYK	0.00, 0.25, 0.80, 0.19
HSL	41°, 67%, 48%
HSV	41°, 80%, 81%
XYZ	37.4049, 36.3931, 7.1475
YIQ	156.6660, 67.2650, -24.1190

Conversions

Conversions Part 2

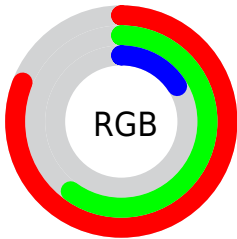
Format	Color
RYB	117, 206, 41
Decimal	13539881
CIELab	66.82, 9.43, 62.11
CIElCh	67, 62.824, 81.367
Yxy	36.3931, 0.4621, 0.4496
Android (android.graphics.Color)	4291729961 (0xFFCE9A29)
YUV	156.6660, -57.0233, 43.2659
Hunter-Lab	60.3267, 5.1053, 35.2040

Details

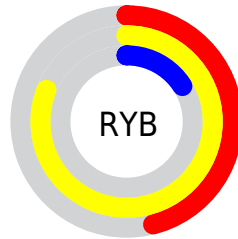
The Yxy color **36.3931, 0.4621, 0.4496** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **12.7427, 0.1799, 0.1437**, and the grayscale version is **33.7964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2163, 0.4288, 0.4373**, and **15.9035, 0.4828, 0.4548** is the 20% darker color. If you saturate the color by 10%, you get **34.2029, 0.4770, 0.4520**, and if you desaturate by 10%, it is **38.7778, 0.4444, 0.4423**.

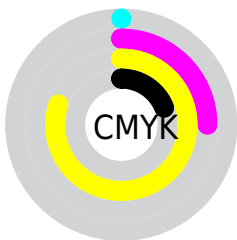
Distribution



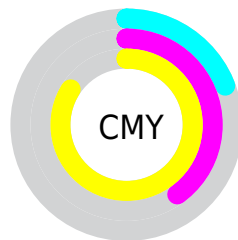
- Red (81%)
- Green (60%)
- Blue (16%)



- Red (46%)
- Yellow (81%)
- Blue (16%)



- Cyan (0%)
- Magenta (25%)
- Yellow (80%)
- Black (19%)





- Cyan (19%)
- Magenta (40%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3931, 0.4621, 0.4496 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 36.3931, 0.4621, 0.4496 by changing the saturation by 10% instead.


 36.3931, 0.4621,
0.4496

 36.3931, 0.4621,
0.4496


330.6755, 0.3906,
0.3957


 24.7379, 0.4767,
0.4589


 69.6384, 0.4381,
0.4327


 15.8819, 0.4927,
0.4678


 91.9973, 0.4284,
0.4255


 9.4406, 0.5152,
0.4799


 118.6929, 0.4199,
0.4190

 5.0297, 0.5247,
0.4753

 150.1096, 0.4125,
0.4133

 2.2647, 0.5356,
0.4644

 186.6319, 0.4060,
0.4082

 0.7549, 0.5578,
0.4422

 228.6440, 0.4003,

 0.0000, 0.0000,

0.4036

0.0000

276.5304, 0.3952,
0.3994

■ 36.3931, 0.4621,
0.4496

■ 36.3931, 0.4621,
0.4496

■ 34.2029, 0.4770,
0.4520

■ 38.7778, 0.4444,
0.4423

■ 32.2023, 0.4889,
0.4500

■ 41.3637, 0.4249,
0.4308

■ 44.1629, 0.4045,
0.4162

■ 47.1849, 0.3840,
0.3995

■ 50.4381, 0.3643,
0.3817

■ 53.9303, 0.3457,
0.3637

■ 57.6691, 0.3285,
0.3461

■ 61.6613, 0.3129,
0.3292

■ 65.9135, 0.2988,
0.3133

Harmonies

Analogous

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



36.3931, 0.4984, 0.3835



36.3931, 0.4621, 0.4496



36.3931, 0.3890, 0.4992

Triad

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



36.3931, 0.4621, 0.4496



36.3931, 0.1706, 0.3071



36.3931, 0.3006, 0.2149

Complementary

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



36.3931, 0.4621, 0.4496



12.7427, 0.1799, 0.1437

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.



36.3931, 0.2204, 0.1925



36.3931, 0.4621, 0.4496



36.3931, 0.1555, 0.2319

Square

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



36.3931, 0.4621, 0.4496



36.3931, 0.2211, 0.4128



36.3931, 0.1722, 0.1963



36.3931, 0.3987, 0.2593

Rectangle

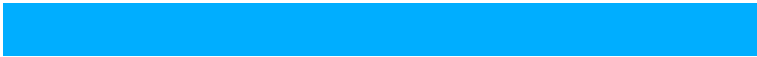
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.3931, 0.4621, 0.4496



36.3931, 0.3307, 0.5043



36.3931, 0.1722, 0.1963



36.3931, 0.2707, 0.2047

Sweetspot

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



36.3949, 0.4621, 0.4496



84.9800, 0.3533, 0.3712



15.4967, 0.5074, 0.2786



17.7553, 0.3600, 0.3777



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.



36.3949, 0.4621, 0.4496



53.0869, 0.4855, 0.4506



53.4912, 0.3872, 0.5139



12.4775, 0.3273, 0.3448



20.0140, 0.4877, 0.4510



1.1647, 0.4712, 0.4641

Inverse Universe

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



12.7427, 0.1799, 0.1437



14.1494, 0.1638, 0.1072



7.3867, 0.1796, 0.0912



11.4109, 0.2983, 0.3127



5.2176, 0.1624, 0.1047



0.4056, 0.1736, 0.1449

Previews

White Background



This preview shows how the Yxy color 36.3931, 0.4621, 0.4496 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 36.3931, 0.4621, 0.4496 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 36.3931, 0.4621, 0.4496

Background



This preview shows how black text looks on a background with the Yxy color 36.3931, 0.4621, 0.4496.



This preview shows how white text looks on a background with the Yxy color 36.3931, 0.4621, 0.4496.

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

36.3931, 0.4621, 0.4496

Protanopia

36.4361, 0.4290, 0.4727

Deuteranopia

36.5819, 0.4601, 0.4512



Tritanopia

36.4592, 0.3750, 0.3155

Trichromacy



Original Color

36.3931, 0.4621, 0.4496

Protanomaly

36.3851, 0.4405, 0.4649

Deuteranomaly

36.5819, 0.4601, 0.4512

Tritanomaly

36.0964, 0.4142, 0.3719

Monochromacy



Original Color

36.3931, 0.4621, 0.4496

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.1287, 0.3717, 0.3884

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3931, 0.4621, 0.4496 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(206, 154, 41)` looks like.

```
.text, #text, p{  
    color:rgb(206, 154, 41)  
}
```

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(206, 154, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 154, 41) }
```

Border

The CSS property to change the border of an element to Yxy 36.3931, 0.4621, 0.4496 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(206, 154, 41) }
```

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

```
.border{ border-color:rgb(206, 154, 41) }
```

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

Here you see how a box with a 4 pixel rgb(206, 154, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 154, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 154, 41);  
box-shadow:4px 4px 4px 4px rgb(206, 154,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3931, 0.4621, 0.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 154, 41) }
```

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

```
.background{ background-color: rgb(206,  
154, 41) }
```

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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