

Converting Colors

$Yxy(36.3949, 0.4596, 0.4386)$

Have a look what the booklet for
Yxy(36.3949, 0.4596, 0.4386)
contains.

Yxy(36.6041, 0.4594, 0.4384)	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(36.6041, 0.4594, 0.4384)

Conversions

Conversions Part 1

Format	Color
Hex	D19936
RGB	209, 153, 54
RGB Percent	82%, 60%, 21%
CMY	0.1803, 0.4000, 0.7882
CMYK	0.00, 0.27, 0.74, 0.18
HSL	38°, 63%, 52%
HSV	38°, 74%, 82%
XYZ	38.3575, 36.6041, 8.5332
YIQ	158.4580, 65.1550, -18.9170

Conversions

Conversions Part 2

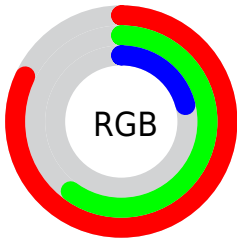
Format	Color
RYB	142, 209, 54
Decimal	13736246
CIELab	66.98, 11.83, 57.48
CIElCh	67, 58.683, 78.374
Yxy	36.6041, 0.4594, 0.4384
Android (android.graphics.Color)	4291926326 (0xFFD19936)
YUV	158.4580, -51.4978, 44.3253
Hunter-Lab	60.5013, 7.2907, 33.9886

Details

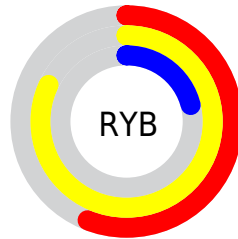
The Yxy color **36.6041, 0.4594, 0.4384** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **16.5483, 0.1905, 0.1694**, and the grayscale version is **34.6292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9472, 0.4231, 0.4278**, and **15.9868, 0.4883, 0.4505** is the 20% darker color. If you saturate the color by 10%, you get **34.0546, 0.4781, 0.4428**, and if you desaturate by 10%, it is **39.3982, 0.4385, 0.4294**.

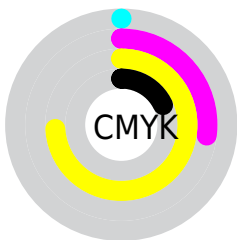
Distribution



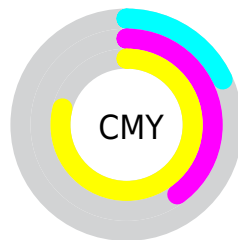
- Red (82%)
- Green (60%)
- Blue (21%)



- Red (56%)
- Yellow (82%)
- Blue (21%)



- Cyan (0%)
- Magenta (27%)
- Yellow (74%)
- Black (18%)





- Cyan (18%)
- Magenta (40%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6041, 0.4594, 0.4384 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 36.6041, 0.4594, 0.4384 by changing the saturation by 10% instead.


 36.6041, 0.4594,
0.4384

 36.6041, 0.4594,
0.4384


 331.5933, 0.3878,
0.3892


 24.9011, 0.4748,
0.4472


 69.9635, 0.4348,
0.4228


 16.0034, 0.4924,
0.4559


 92.3886, 0.4251,
0.4162

 9.5266, 0.5139,
0.4647


 119.1567, 0.4167,
0.4103

 5.0862, 0.5337,
0.4663

 150.6519, 0.4094,
0.4051

 2.2979, 0.5471,
0.4529

 187.2588, 0.4029,
0.4004

 0.7726, 0.5729,
0.4271

 229.3618, 0.3973,

 0.0000, 0.0000,

0.3963

0.0000

277.3451, 0.3923,
0.3926

■ 36.6041, 0.4594,
0.4384

■ 36.6041, 0.4594,
0.4384

■ 34.0546, 0.4781,
0.4428

■ 39.3982, 0.4385,
0.4294

■ 31.7297, 0.4937,
0.4420

■ 42.4439, 0.4166,
0.4167

■ 30.4649, 0.5017,
0.4398

■ 45.7539, 0.3946,
0.4017

■ 49.3385, 0.3735,
0.3852

■ 53.2068, 0.3537,
0.3683

■ 57.3677, 0.3355,
0.3516

■ 61.8293, 0.3191,
0.3355

■ 66.5994, 0.3043,
0.3202

■ 71.6855, 0.2912,
0.3060

Harmonies

Analogous

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



36.6041, 0.4875, 0.3760



36.6041, 0.4594, 0.4384



36.6041, 0.3937, 0.4858

Triad

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



36.6041, 0.4594, 0.4384



36.6041, 0.1822, 0.3185



36.6041, 0.2931, 0.2180

Complementary

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



36.6041, 0.4594, 0.4384



16.5483, 0.1905, 0.1694

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.



36.6041, 0.2200, 0.1990



36.6041, 0.4594, 0.4384



36.6041, 0.1639, 0.2438

Square

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



36.6041, 0.4594, 0.4384



36.6041, 0.2339, 0.4162



36.6041, 0.1769, 0.2058



36.6041, 0.3842, 0.2585

Rectangle

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



36.6041, 0.4594, 0.4384



36.6041, 0.3395, 0.4929



36.6041, 0.1769, 0.2058



36.6041, 0.2657, 0.2090

Sweetspot

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



36.6059, 0.4594, 0.4384



84.6369, 0.3501, 0.3651



17.3419, 0.4722, 0.2686



17.7449, 0.3553, 0.3697



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.



36.6059, 0.4594, 0.4384



51.2195, 0.4877, 0.4430



56.6178, 0.3920, 0.5010



13.0489, 0.3275, 0.3438



18.9711, 0.5002, 0.4410



1.2085, 0.4816, 0.4558

Inverse Universe

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



16.5483, 0.1905, 0.1694



18.6368, 0.1726, 0.1334



8.7256, 0.1834, 0.1019



12.1072, 0.2982, 0.3137



6.1579, 0.1657, 0.1166



0.4932, 0.1761, 0.1540

Previews

White Background



This preview shows how the Yxy color 36.6041, 0.4594, 0.4384 looks on a white background.

Color Contrast Check

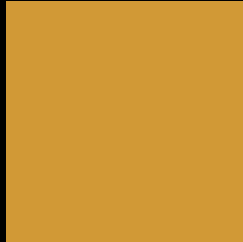
Large Text (above 18pt) WCAG AA × Fail

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 36.6041, 0.4594, 0.4384 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 36.6041, 0.4594, 0.4384

Background



This preview shows how black text looks on a background with the Yxy color 36.6041, 0.4594, 0.4384.



This preview shows how white text looks on a background with the Yxy color 36.6041, 0.4594, 0.4384.

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

36.6041, 0.4594, 0.4384

Protanopia

36.9136, 0.4209, 0.4632

Deuteranopia

36.5371, 0.4530, 0.4442



Tritanopia

36.5769, 0.3795, 0.3157

Trichromacy



Original Color

36.6041, 0.4594, 0.4384

Protanomaly

36.6336, 0.4344, 0.4544

Deuteranomaly

36.4901, 0.4560, 0.4419

Tritanomaly

36.3216, 0.4137, 0.3652

Monochromacy



Original Color

36.6041, 0.4594, 0.4384

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.4801, 0.3690, 0.3808

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6041, 0.4594, 0.4384 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(209, 153, 54)` looks like.

```
.text, #text, p{  
    color:rgb(209, 153, 54)  
}
```

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(209, 153, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 153, 54) }
```

Border

The CSS property to change the border of an element to Yxy 36.6041, 0.4594, 0.4384 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(209, 153, 54) }
```

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

```
.border{ border-color:rgb(209, 153, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 153, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 153, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 153, 54);  
box-shadow:4px 4px 4px 4px rgb(209, 153,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6041, 0.4594, 0.4384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 153, 54) }
```

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

```
.background{ background-color: rgb(209,  
153, 54) }
```

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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