

Converting Colors

$Yxy(36.0688, 0.4859, 0.4486)$

Have a look what the booklet for
Yxy(36.0688, 0.4859, 0.4486)
contains.

| | |
|---|----|
| Yxy(36.1204, 0.4861, 0.4486) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(36.1204, 0.4861, 0.4486)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D8950C |
| RGB | 216, 149, 12 |
| RGB Percent | 85%, 58%, 5% |
| CMY | 0.1528, 0.4157, 0.9528 |
| CMYK | 0.00, 0.31, 0.94, 0.15 |
| HSL | 40°, 89%, 45% |
| HSV | 40°, 94%, 85% |
| XYZ | 39.1398, 36.1204, 5.2578 |
| YIQ | 153.4150, 83.9090, -28.4030 |

Conversions

Conversions Part 2

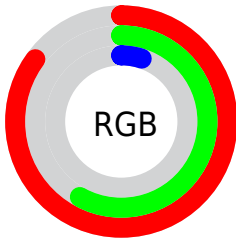
| Format | Color |
|-------------------------------------|--|
| RYB | 112, 216, 12 |
| Decimal | 14193932 |
| CIELab | 66.61, 15.90, 69.60 |
| CIELCh | 67, 71.398, 77.130 |
| Yxy | 36.1204, 0.4861, 0.4486 |
| Android (android.graphics.Color) | 4292384012 (0xFFD8950C) |
| YUV | 153.4150, -69.7176, 54.8870 |
| Hunter-Lab | 60.1002, 11.0713, 36.8832 |

Details

The Yxy color **36.1204, 0.4861, 0.4486** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **10.6417, 0.1665, 0.1154**, and the grayscale version is **32.3320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5364, 0.4414, 0.4450**, and **15.7039, 0.5013, 0.4402** is the 20% darker color. If you saturate the color by 10%, you get **34.8646, 0.4929, 0.4468**, and if you desaturate by 10%, it is **38.5244, 0.4721, 0.4489**.

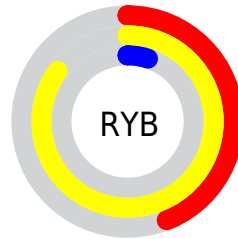
Distribution



Red (85%)

Green (58%)

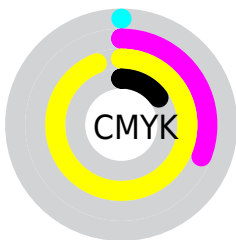
Blue (5%)



Red (44%)

Yellow (85%)

Blue (5%)

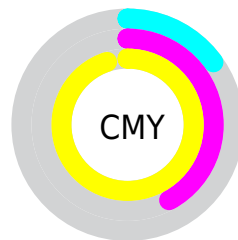


Cyan (0%)

Magenta (31%)

Yellow (94%)

Black (15%)



Cyan (15%)


Magenta (42%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1204, 0.4861, 0.4486 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 36.1204, 0.4861, 0.4486 by changing the saturation by 10% instead.


 36.1204, 0.4861,
0.4486


 36.1204, 0.4861,
0.4486


329.4865, 0.4047,
0.3996

 24.5272, 0.5017,
0.4549


 69.2179, 0.4595,
0.4348

 15.7252, 0.5186,
0.4595


 91.4909, 0.4485,
0.4284


 9.3299, 0.5381,
0.4619


 118.0927, 0.4388,
0.4224


 4.9570, 0.5494,
0.4506

 149.4076, 0.4303,
0.4169

 2.2220, 0.5673,
0.4327

 185.8200, 0.4227,
0.4120

 0.7320, 0.6022,
0.3978

 227.7144, 0.4160,

 0.0000, 1.0000,


0.4075


0.0000

 275.4751, 0.4101,
0.4034

 0.0000, 0.0000,
0.0000

 36.1204, 0.4861,
0.4486

 36.1204, 0.4861,
0.4486


 34.8646, 0.4929,
0.4468

 38.5244, 0.4721,
0.4489

 41.1438, 0.4549,
0.4440

 43.9956, 0.4355,
0.4345

 47.0925, 0.4148,
0.4214

 50.4458, 0.3937,
0.4057

■ 54.0656, 0.3733,
0.3885

■ 57.9613, 0.3538,
0.3708

■ 62.1417, 0.3359,
0.3532

■ 66.6151, 0.3195,
0.3362

Harmonies

Analogous

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



36.1204, 0.5223, 0.3744



36.1204, 0.4861, 0.4486



36.1204, 0.4069, 0.5139

Triad

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



36.1204, 0.4861, 0.4486



36.1204, 0.1595, 0.3177



36.1204, 0.2834, 0.1976

Complementary

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



36.1204, 0.4861, 0.4486



10.6417, 0.1665, 0.1154

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.



36.1204, 0.1998, 0.1769



36.1204, 0.4861, 0.4486



36.1204, 0.1393, 0.2275

Square

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



36.1204, 0.4861, 0.4486



36.1204, 0.2192, 0.4428



36.1204, 0.1529, 0.1845



36.1204, 0.3942, 0.2427

Rectangle

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



36.1204, 0.4861, 0.4486



36.1204, 0.3431, 0.5316



36.1204, 0.1529, 0.1845



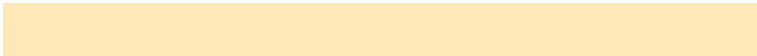
36.1204, 0.2515, 0.1878

Sweetspot

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



36.1222, 0.4861, 0.4486



82.1556, 0.3611, 0.3776



15.4473, 0.5502, 0.2842



17.0598, 0.3697, 0.3853



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.



36.1222, 0.4861, 0.4486



50.4597, 0.4937, 0.4462



59.1033, 0.3906, 0.5255



13.8001, 0.3274, 0.3446



20.8345, 0.4915, 0.4480



1.4050, 0.4760, 0.4603

Inverse Universe

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



10.6417, 0.1665, 0.1154



13.5303, 0.1621, 0.1034



5.8052, 0.1610, 0.0684



12.6687, 0.2982, 0.3129



5.7774, 0.1633, 0.1077



0.4978, 0.1730, 0.1429

Previews

White Background



This preview shows how the Yxy color 36.1204, 0.4861, 0.4486 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 36.1204, 0.4861, 0.4486 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 36.1204, 0.4861, 0.4486

Background



This preview shows how black text looks on a background with the Yxy color 36.1204, 0.4861, 0.4486.



This preview shows how white text looks on a background with the Yxy color 36.1204, 0.4861, 0.4486.

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

36.1204, 0.4861, 0.4486

Protanopia

36.3053, 0.4371, 0.4848

Deuteranopia

36.0903, 0.4718, 0.4636



Tritanopia

36.1648, 0.3928, 0.3172

Trichromacy



Original Color

36.1204, 0.4861, 0.4486

Protanomaly

36.0932, 0.4550, 0.4716

Deuteranomaly

36.0205, 0.4773, 0.4580

Tritanomaly

35.7614, 0.4431, 0.3810

Monochromacy



Original Color

36.1204, 0.4861, 0.4486

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.6459, 0.3874, 0.4011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1204, 0.4861, 0.4486 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(216, 149, 12)` looks like.

```
.text, #text, p{  
    color:rgb(216, 149, 12)  
}
```

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(216, 149, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 149, 12) }
```

Border

The CSS property to change the border of an element to Yxy 36.1204, 0.4861, 0.4486 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(216, 149, 12) }
```

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

```
.border{ border-color:rgb(216, 149, 12) }
```

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

Here you see how a box with a 4 pixel rgb(216, 149, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 149, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 149, 12);  
box-shadow:4px 4px 4px 4px rgb(216, 149,  
12) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1204, 0.4861, 0.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 149, 12) }
```

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

```
.background{ background-color: rgb(216,  
149, 12) }
```

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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