

Converting Colors

$Y_{xy}(36.4095, 0.4537, 0.4144)$

Have a look what the booklet for
Yxy(36.4095, 0.4537, 0.4144)
contains.

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Color

Yxy(36.2990, 0.4537, 0.4143)

Conversions

Conversions Part 1

Format	Color
Hex	D6954B
RGB	214, 149, 75
RGB Percent	84%, 58%, 29%
CMY	0.1607, 0.4157, 0.7059
CMYK	0.00, 0.30, 0.65, 0.16
HSL	32°, 63%, 57%
HSV	32°, 65%, 84%
XYZ	39.7510, 36.2990, 11.5652
YIQ	159.9990, 62.4940, -9.2340

Conversions

Conversions Part 2

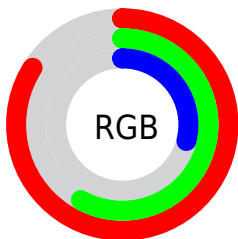
Format	Color
RYB	197, 214, 75
Decimal	14062923
CIELab	66.75, 17.24, 47.95
CIELCh	67, 50.958, 70.221
Yxy	36.2990, 0.4537, 0.4143
Android (android.graphics.Color)	4292253003 (0xFFD6954B)
YUV	159.9990, -41.9045, 47.3589
Hunter-Lab	60.2487, 12.3361, 30.7929

Details

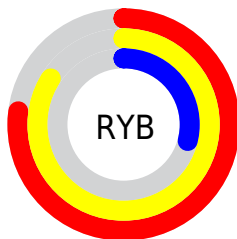
The Yxy color **36.2990, 0.4537, 0.4143** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **25.1062, 0.2092, 0.2151**, and the grayscale version is **35.3292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4782, 0.4129, 0.4074**, and **15.7699, 0.4908, 0.4288** is the 20% darker color. If you saturate the color by 10%, you get **33.0236, 0.4794, 0.4208**, and if you desaturate by 10%, it is **39.9487, 0.4275, 0.4041**.

Distribution



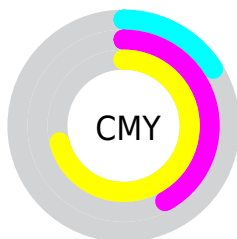
- Red (84%)
- Green (58%)
- Blue (29%)



- Red (77%)
- Yellow (84%)
- Blue (29%)



- Cyan (0%)
- Magenta (30%)
- Yellow (65%)
- Black (16%)




- Cyan (16%)
- Magenta (42%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2990, 0.4537, 0.4143 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 36.2990, 0.4537, 0.4143 by changing the saturation by 10% instead.

 36.2990, 0.4537,
0.4143


 36.2990, 0.4537,
0.4143


330.2655, 0.3826,
0.3758


 24.6652, 0.4704,
0.4215


 69.4933, 0.4284,
0.4019

 15.8278, 0.4906,
0.4288


 91.8226, 0.4186,
0.3967


 9.4024, 0.5149,
0.4351


 118.4859, 0.4103,
0.3921

 5.0046, 0.5542,
0.4458

 149.8675, 0.4032,
0.3881

 2.2499, 0.5732,
0.4268

 186.3519, 0.3970,
0.3845

 0.7470, 0.6094,
0.3906

228.3235, 0.3916,

 0.0000, 1.0000,

0.3813

0.0000

276.1665, 0.3868,
0.3784

■ 0.0000, 0.0000,
0.0000

■ 36.2990, 0.4537,
0.4143

■ 36.2990, 0.4537,
0.4143

■ 33.0236, 0.4794,
0.4208

■ 39.9487, 0.4275,
0.4041

■ 30.0999, 0.5031,
0.4225

■ 43.9827, 0.4022,
0.3915

■ 27.5100, 0.5234,
0.4187

■ 48.4171, 0.3785,
0.3776

■ 26.3179, 0.5326,
0.4153

■ 53.2651, 0.3569,
0.3632

■ 58.5395, 0.3375,
0.3490

■ 64.2519, 0.3204,
0.3355

■ 70.4138, 0.3054,
0.3227

■ 77.0360, 0.2922,
0.3108

■ 83.2909, 0.2876,
0.3124

Harmonies

Analogous

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



36.2990, 0.4643, 0.3581



36.2990, 0.4537, 0.4143



36.2990, 0.4042, 0.4594

Triad

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



36.2990, 0.4537, 0.4143



36.2990, 0.2071, 0.3433



36.2990, 0.2763, 0.2231

Complementary

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



36.2990, 0.4537, 0.4143



25.1062, 0.2092, 0.2151

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.



36.2990, 0.2174, 0.2122



36.2990, 0.4537, 0.4143



36.2990, 0.1816, 0.2702

Square

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



36.2990, 0.4537, 0.4143



36.2990, 0.2616, 0.4244



36.2990, 0.1855, 0.2264



36.2990, 0.3539, 0.2550

Rectangle

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



36.2990, 0.4537, 0.4143



36.2990, 0.3585, 0.4718



36.2990, 0.1855, 0.2264



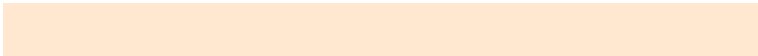
36.2990, 0.2539, 0.2169

Sweetspot

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



36.3008, 0.4537, 0.4143



83.6501, 0.3454, 0.3550



21.2866, 0.4167, 0.2524



17.4223, 0.3511, 0.3591



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.



36.3008, 0.4537, 0.4143



47.3840, 0.4888, 0.4221



62.5580, 0.4001, 0.4779



13.5045, 0.3278, 0.3414



16.1160, 0.5304, 0.4170



1.1371, 0.5061, 0.4363

Inverse Universe

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



25.1062, 0.2092, 0.2151



29.5930, 0.1918, 0.1864



11.4765, 0.1885, 0.1219



12.9565, 0.2982, 0.3163



8.6561, 0.1745, 0.1481



0.6869, 0.1836, 0.1808

Previews

White Background



This preview shows how the Yxy color 36.2990, 0.4537, 0.4143 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 36.2990, 0.4537, 0.4143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

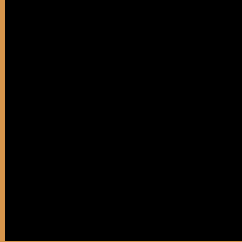
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.2990, 0.4537, 0.4143

Background



This preview shows how black text looks on a background with the Yxy color 36.2990, 0.4537, 0.4143.



This preview shows how white text looks on a background with the Yxy color 36.2990, 0.4537, 0.4143.

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

36.2990, 0.4537, 0.4143

Protanopia

36.4622, 0.4042, 0.4421

Deuteranopia

36.3546, 0.4361, 0.4280



Tritanopia

36.3442, 0.3867, 0.3171

Trichromacy



Original Color

36.2990, 0.4537, 0.4143

Protanomaly

36.2102, 0.4213, 0.4317

Deuteranomaly

36.3987, 0.4429, 0.4234

Tritanomaly

36.1283, 0.4143, 0.3550

Monochromacy



Original Color

36.2990, 0.4537, 0.4143

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.0652, 0.3633, 0.3674

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2990, 0.4537, 0.4143 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(214, 149, 75)` looks like.

```
.text, #text, p{  
    color:rgb(214, 149, 75)  
}
```

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(214, 149, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 149, 75) }
```

Border

The CSS property to change the border of an element to Yxy 36.2990, 0.4537, 0.4143 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(214, 149, 75) }
```

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

```
.border{ border-color:rgb(214, 149, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 149, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 149, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 149, 75);  
box-shadow:4px 4px 4px 4px rgb(214, 149,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2990, 0.4537, 0.4143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 149, 75) }
```

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

```
.background{ background-color: rgb(214,  
149, 75) }
```

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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