

Converting Colors

Yxy(36.4004, 0.5163, 0.3932)

Have a look what the booklet for
Yxy(36.4004, 0.5163, 0.3932)
contains.

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Color

Yxy(36.4004, 0.5163, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	F98239
RGB	249, 130, 57
RGB Percent	98%, 51%, 22%
CMY	0.0234, 0.4903, 0.7765
CMYK	0.00, 0.48, 0.77, 0.02
HSL	23°, 94%, 60%
HSV	23°, 77%, 98%
XYZ	47.7964, 36.4004, 8.3780
YIQ	157.2590, 94.3570, 2.5250

Conversions

Conversions Part 2

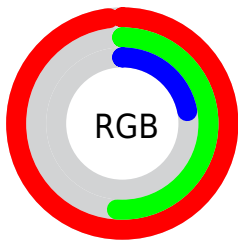
Format	Color
R_{YB}	249, 175, 57
Decimal	16351801
CIE _{Lab}	66.82, 40.61, 57.74
CIE _{LCh}	67, 70.584, 54.881
Yxy	36.4004, 0.5163, 0.3932
Android (android.graphics.Color)	4294541881 (0xFFFF98239)
YUV	157.2590, -49.4277, 80.4569
Hunter-Lab	60.3327, 35.8276, 33.9997

Details

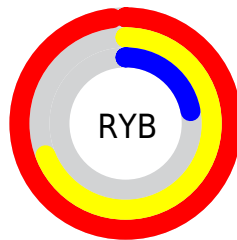
The Yxy color **36.4004, 0.5163, 0.3932** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **38.7812, 0.2038, 0.2302**, and the grayscale version is **34.0349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6451, 0.4368, 0.4047**, and **15.8879, 0.5642, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **32.4088, 0.5468, 0.3902**, and if you desaturate by 10%, it is **41.1339, 0.4830, 0.3912**.

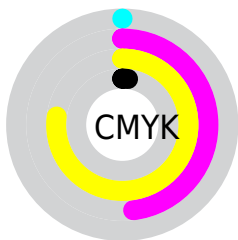
Distribution



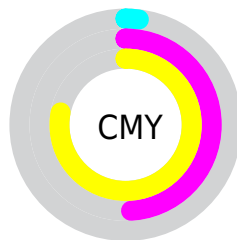
- Red (98%)
- Green (51%)
- Blue (22%)



- Red (98%)
- Yellow (69%)
- Blue (22%)



- Cyan (0%)
- Magenta (48%)
- Yellow (77%)
- Black (2%)





- Cyan (2%)
- Magenta (49%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4004, 0.5163, 0.3932 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 36.4004, 0.5163, 0.3932 by changing the saturation by 10% instead.


 36.4004, 0.5163,
0.3932


 36.4004, 0.5163,
0.3932


330.7072, 0.4151,
0.3724


 24.7436, 0.5389,
0.3936


 69.6496, 0.4810,
0.3891

 15.8861, 0.5654,
0.3912


 92.0108, 0.4672,
0.3865

 9.4436, 0.5986,
0.3850


 118.7090, 0.4554,
0.3838

 5.0316, 0.6331,
0.3669

 150.1284, 0.4451,
0.3813

 2.2658, 0.6695,
0.3305

 186.6536, 0.4361,
0.3788

 0.7555, 0.7299,
0.2701

 228.6688, 0.4282,

 0.0000, 1.0000,

0.3765

0.0000

276.5586, 0.4213,
0.3744

■ 0.0000, 0.0000,
0.0000

■ 36.4004, 0.5163,
0.3932

■ 36.4004, 0.5163,
0.3932

■ 32.4088, 0.5468,
0.3902

■ 41.1339, 0.4830,
0.3912

■ 29.1055, 0.5719,
0.3819


■ 46.6447, 0.4496,
0.3852


■ 28.2663, 0.5784,
0.3790


■ 52.9724, 0.4182,
0.3767


■ 60.1516, 0.3897,
0.3667

■ 68.2148, 0.3646,
0.3562

 77.1926, 0.3429,
0.3457

 87.1141, 0.3243,
0.3357

 97.9275, 0.3091,
0.3275

 98.8853, 0.3090,
0.3290

Harmonies

Analogous

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



36.4004, 0.5029, 0.3226



36.4004, 0.5163, 0.3932



36.4004, 0.4672, 0.4664

Triad

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



36.4004, 0.5163, 0.3932



36.4004, 0.2015, 0.4093



36.4004, 0.2190, 0.1813

Complementary

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



36.4004, 0.5163, 0.3932



38.7812, 0.2038, 0.2302

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.



36.4004, 0.1632, 0.1812



36.4004, 0.5163, 0.3932



36.4004, 0.1525, 0.2903

Square

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



36.4004, 0.5163, 0.3932



36.4004, 0.2858, 0.5105



36.4004, 0.1415, 0.2138



36.4004, 0.3107, 0.2085

Rectangle

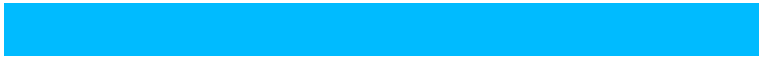
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.4004, 0.5163, 0.3932



36.4004, 0.4131, 0.5081



36.4004, 0.1415, 0.2138



36.4004, 0.1964, 0.1781

Sweetspot

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



36.4024, 0.5163, 0.3932



75.7372, 0.3553, 0.3519



26.3114, 0.4056, 0.2194



15.4981, 0.3635, 0.3557



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.



36.4024, 0.5163, 0.3932



32.0244, 0.5626, 0.3858



73.4445, 0.4298, 0.4759



18.3064, 0.3284, 0.3381



15.3788, 0.5755, 0.3813



1.6216, 0.5532, 0.3990

Inverse Universe

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



38.7812, 0.2038, 0.2302



34.2099, 0.1917, 0.2067



13.8381, 0.1723, 0.1091



18.4354, 0.2980, 0.3198



16.3796, 0.1887, 0.1992



1.7215, 0.1935, 0.2164

Previews

White Background



This preview shows how the Yxy color 36.4004, 0.5163, 0.3932 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 36.4004, 0.5163, 0.3932 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 36.4004, 0.5163, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 36.4004, 0.5163, 0.3932.



This preview shows how white text looks on a background with the Yxy color 36.4004, 0.5163, 0.3932.

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

36.4004, 0.5163, 0.3932

Protanopia

36.5328, 0.4153, 0.4547

Deuteranopia

36.5018, 0.4552, 0.4469



Tritanopia

36.4404, 0.4531, 0.3202

Trichromacy



Original Color

36.4004, 0.5163, 0.3932

Protanomaly

35.6139, 0.4528, 0.4310

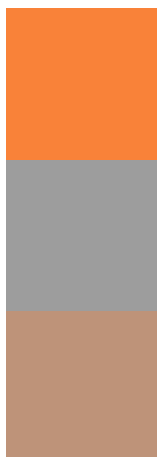
Deuteranomaly

36.0213, 0.4782, 0.4263

Tritanomaly

36.3622, 0.4814, 0.3502

Monochromacy



Original Color

36.4004, 0.5163, 0.3932

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.1951, 0.3861, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4004, 0.5163, 0.3932 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(249, 130, 57)` looks like.

```
.text, #text, p{  
    color:rgb(249, 130, 57)  
}
```

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(249, 130, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 130, 57) }
```

Border

The CSS property to change the border of an element to Yxy 36.4004, 0.5163, 0.3932 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(249, 130, 57) }
```

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

```
.border{ border-color:rgb(249, 130, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 130, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 130, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 130, 57);  
box-shadow:4px 4px 4px 4px rgb(249, 130,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4004, 0.5163, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 130, 57) }
```

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

```
.background{ background-color: rgb(249,  
130, 57) }
```

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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