

Converting Colors

Yxy(36.2130, 0.5089, 0.3820)

Have a look what the booklet for
Yxy(36.2130, 0.5089, 0.3820)
contains.

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Color

Yxy(36.2173, 0.5087, 0.3816)

Conversions

Conversions Part 1

Format	Color
Hex	FA8047
RGB	250, 128, 71
RGB Percent	98%, 50%, 28%
CMY	0.0196, 0.4980, 0.7215
CMYK	0.00, 0.49, 0.72, 0.02
HSL	19°, 95%, 63%
HSV	19°, 72%, 98%
XYZ	48.2802, 36.2173, 10.4115
YIQ	157.9800, 91.0090, 8.1370

Conversions

Conversions Part 2

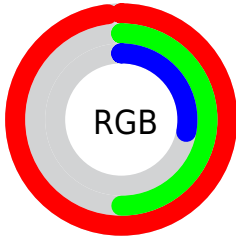
Format	Color
R_{YB}	250, 155, 71
Decimal	16416839
CIE _{Lab}	66.69, 42.54, 51.10
CIE _{LCh}	67, 66.495, 50.224
Yxy	36.2173, 0.5087, 0.3816
Android (android.graphics.Color)	4294606919 (0xFFFA8047)
YUV	157.9800, -42.8811, 80.7015
Hunter-Lab	60.1808, 37.8858, 31.8692

Details

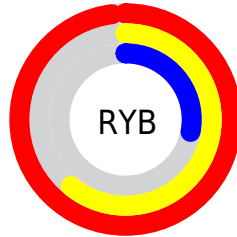
The Yxy color **36.2173, 0.5087, 0.3816** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **46.3875, 0.2131, 0.2540**, and the grayscale version is **34.3526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5321, 0.4275, 0.3918**, and **15.7878, 0.5589, 0.3801** is the 20% darker color. If you saturate the color by 10%, you get **31.8829, 0.5440, 0.3804**, and if you desaturate by 10%, it is **41.4340, 0.4721, 0.3786**.

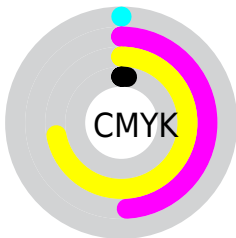
Distribution



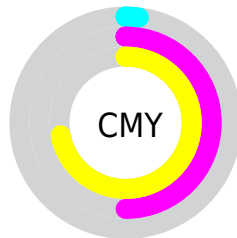
- Red (98%)
- Green (50%)
- Blue (28%)



- Red (98%)
- Yellow (61%)
- Blue (28%)



- Cyan (0%)
- Magenta (49%)
- Yellow (72%)
- Black (2%)





- Cyan (2%)
- Magenta (50%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.2173, 0.5087, 0.3816 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 36.2173, 0.5087, 0.3816 by changing the saturation by 10% instead.


 36.2173, 0.5087,
0.3816


 36.2173, 0.5087,
0.3816


329.9093, 0.4096,
0.3647

 24.6021, 0.5318,
0.3819


 69.3673, 0.4735,
0.3783

 15.7808, 0.5597,
0.3797


 91.6709, 0.4599,
0.3761


 9.3692, 0.5933,
0.3729

 118.3061, 0.4484,
0.3740

 4.9828, 0.6395,
0.3605

 149.6572, 0.4384,
0.3719

 2.2372, 0.6772,
0.3228

 186.1087, 0.4297,
0.3699

 0.7401, 0.7395,
0.2605

228.0450, 0.4222,

 0.0000, 1.0000,

0.3681

0.0000

275.8504, 0.4155,
0.3663

■ 0.0000, 0.0000,
0.0000

■ 36.2173, 0.5087,
0.3816

■ 36.2173, 0.5087,
0.3816

■ 31.8829, 0.5440,
0.3804

■ 41.4340, 0.4721,
0.3786

■ 28.3703, 0.5745,
0.3742


■ 47.5763, 0.4370,
0.3725

■ 26.0016, 0.5948,
0.3659


■ 54.6911, 0.4050,
0.3646

■ 62.8203, 0.3770,
0.3559

■ 72.0031, 0.3529,
0.3470

 82.2766, 0.3325,
0.3384

 93.6759, 0.3152,
0.3302

 99.0630, 0.3096,
0.3290

Harmonies

Analogous

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



36.2173, 0.4842, 0.3140



36.2173, 0.5087, 0.3816



36.2173, 0.4711, 0.4514

Triad

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



36.2173, 0.5087, 0.3816



36.2173, 0.2183, 0.4225



36.2173, 0.2130, 0.1858

Complementary

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



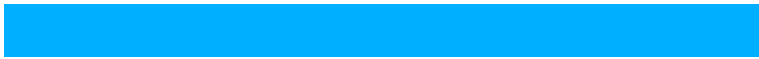
36.2173, 0.5087, 0.3816



46.3875, 0.2131, 0.2540

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.



36.2173, 0.1644, 0.1905



36.2173, 0.5087, 0.3816



36.2173, 0.1648, 0.3088

Square

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



36.2173, 0.5087, 0.3816



36.2173, 0.3027, 0.5067



36.2173, 0.1482, 0.2284



36.2173, 0.2957, 0.2082

Rectangle

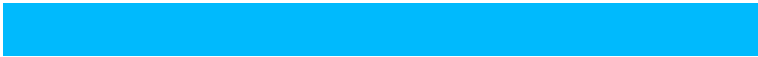
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.2173, 0.5087, 0.3816



36.2173, 0.4229, 0.4922



36.2173, 0.1482, 0.2284



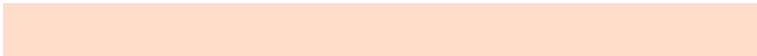
36.2173, 0.1930, 0.1842

Sweetspot

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



36.2193, 0.5087, 0.3816



75.9009, 0.3517, 0.3465



28.6975, 0.3845, 0.2149



15.6497, 0.3579, 0.3489



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.



36.2193, 0.5087, 0.3816



31.5959, 0.5585, 0.3782



70.4988, 0.4303, 0.4637



18.1272, 0.3286, 0.3366



14.0208, 0.5918, 0.3683



1.4808, 0.5687, 0.3867

Inverse Universe

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



46.3875, 0.2131, 0.2540



42.3610, 0.2015, 0.2361



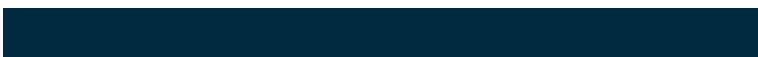
18.1104, 0.1829, 0.1336



18.6219, 0.2980, 0.3213



19.2612, 0.1948, 0.2214



1.9748, 0.1988, 0.2357

Previews

White Background



This preview shows how the Yxy color 36.2173, 0.5087, 0.3816 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 36.2173, 0.5087, 0.3816 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 36.2173, 0.5087, 0.3816

Background



This preview shows how black text looks on a background with the Yxy color 36.2173, 0.5087, 0.3816.



This preview shows how white text looks on a background with the Yxy color 36.2173, 0.5087, 0.3816.

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

36.2173, 0.5087, 0.3816

Protanopia

36.5069, 0.4019, 0.4387

Deuteranopia

36.3694, 0.4443, 0.4366



Tritanopia

36.1691, 0.4549, 0.3203

Trichromacy



Original Color

36.2173, 0.5087, 0.3816

Protanomaly

35.3419, 0.4414, 0.4165

Deuteranomaly

35.7161, 0.4684, 0.4146

Tritanomaly

36.2149, 0.4766, 0.3444

Monochromacy



Original Color

36.2173, 0.5087, 0.3816

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.4502, 0.3819, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2173, 0.5087, 0.3816 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(250, 128, 71)` looks like.

```
.text, #text, p{  
    color:rgb(250, 128, 71)  
}
```

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(250, 128, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 128, 71) }
```

Border

The CSS property to change the border of an element to Yxy 36.2173, 0.5087, 0.3816 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(250, 128, 71) }
```

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

```
.border{ border-color:rgb(250, 128, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 128, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 128, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 128, 71);  
box-shadow:4px 4px 4px 4px rgb(250, 128,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2173, 0.5087, 0.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 128, 71) }
```

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

```
.background{ background-color: rgb(250,  
128, 71) }
```

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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