

Converting Colors

$Y_{xy}(37.2308, 0.4686, 0.3499)$

Have a look what the booklet for
Yxy(37.2308, 0.4686, 0.3499)
contains.

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Color

Yxy(37.2308, 0.4686, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	F9826E
RGB	249, 130, 110
RGB Percent	98%, 51%, 43%
CMY	0.0236, 0.4901, 0.5686
CMYK	0.00, 0.48, 0.56, 0.02
HSL	9°, 92%, 70%
HSV	9°, 56%, 98%
XYZ	49.8610, 37.2308, 19.3123
YIQ	163.3010, 77.3440, 19.0080

Conversions

Conversions Part 2

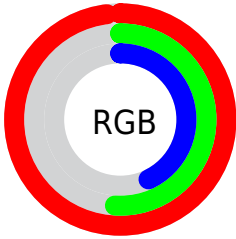
Format	Color
R_{YB}	249, 133, 110
Decimal	16351854
CIE _{Lab}	67.45, 43.56, 31.51
CIE _{LCh}	67, 53.757, 35.882
Yxy	37.2308, 0.4686, 0.3499
Android (android.graphics.Color)	4294541934 (0xFFFF9826E)
YUV	163.3010, -26.2774, 75.1580
Hunter-Lab	61.0170, 39.0840, 23.9462

Details

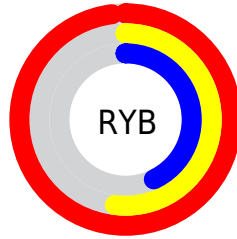
The Yxy color **37.2308, 0.4686, 0.3499** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **66.1817, 0.2371, 0.3044**, and the grayscale version is **36.8772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5666, 0.3929, 0.3534**, and **16.3469, 0.5157, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **31.6686, 0.5121, 0.3514**, and if you desaturate by 10%, it is **44.1236, 0.4288, 0.3469**.

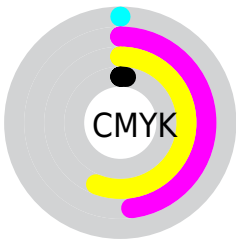
Distribution



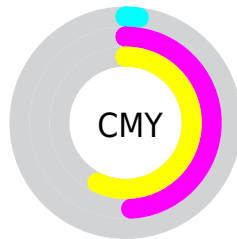
- Red (98%)
- Green (51%)
- Blue (43%)



- Red (98%)
- Yellow (52%)
- Blue (43%)



- Cyan (0%)
- Magenta (48%)
- Yellow (56%)
- Black (2%)





- Cyan (2%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2308, 0.4686, 0.3499 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 37.2308, 0.4686, 0.3499 by changing the saturation by 10% instead.


 37.2308, 0.4686,
0.3499


 37.2308, 0.4686,
0.3499


334.3087, 0.3876,
0.3441

 25.3862, 0.4891,
0.3496


 70.9276, 0.4388,
0.3491

 16.3651, 0.5153,
0.3480


 93.5487, 0.4277,
0.3484

 9.7828, 0.5494,
0.3439


 120.5307, 0.4183,
0.3476

 5.2552, 0.5949,
0.3343

 152.2580, 0.4104,
0.3468

 2.3978, 0.6772,
0.3228

189.1151, 0.4035,
0.3461

 0.8247, 0.7361,
0.2639

231.4863, 0.3975,

 0.0000, 1.0000,

0.3454

0.0000

279.7560, 0.3923,
0.3447

■ 0.0000, 0.0000,
0.0000

■ 37.2308, 0.4686,
0.3499

■ 37.2308, 0.4686,
0.3499

■ 31.6686, 0.5121,
0.3514

■ 44.1236, 0.4288,
0.3469

■ 27.3450, 0.5557,
0.3507

■ 52.4195, 0.3944,
0.3431

■ 24.1655, 0.5938,
0.3473

■ 62.1928, 0.3656,
0.3390

■ 22.0185, 0.6209,
0.3413

■ 73.5108, 0.3418,
0.3349

■ 21.3896, 0.6288,
0.3389

■ 86.4364, 0.3223,
0.3311

98.8773, 0.3090,
0.3290

Harmonies

Analogous

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



37.2308, 0.4226, 0.2933



37.2308, 0.4686, 0.3499



37.2308, 0.4640, 0.4087

Triad

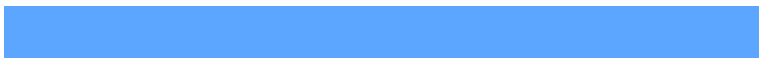
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.2308, 0.4686, 0.3499



37.2308, 0.2691, 0.4396



37.2308, 0.2070, 0.2081

Complementary

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



37.2308, 0.4686, 0.3499



66.1817, 0.2371, 0.3044

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.



37.2308, 0.1783, 0.2266



37.2308, 0.4686, 0.3499



37.2308, 0.2091, 0.3565

Square

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



37.2308, 0.4686, 0.3499



37.2308, 0.3452, 0.4782



37.2308, 0.1784, 0.2764



37.2308, 0.2641, 0.2160

Rectangle

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



37.2308, 0.4686, 0.3499



37.2308, 0.4361, 0.4444



37.2308, 0.1784, 0.2764



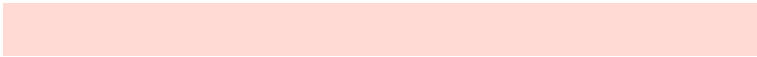
37.2308, 0.1943, 0.2111

Sweetspot

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



37.2328, 0.4686, 0.3499



76.0819, 0.3444, 0.3354



37.0299, 0.3366, 0.2113



15.7502, 0.3489, 0.3362



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.



37.2328, 0.4686, 0.3499



32.7855, 0.5177, 0.3515



61.6643, 0.4219, 0.4191



17.6282, 0.3290, 0.3325



11.5719, 0.6269, 0.3404



1.1897, 0.6077, 0.3557

Inverse Universe

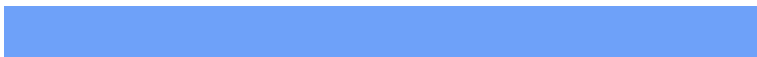
The Inverse Universe completely reimagines the original color for something new.



66.1817, 0.2371, 0.3044



65.9309, 0.2271, 0.2987



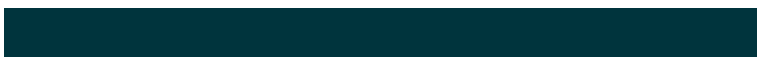
35.6326, 0.2179, 0.2140



19.1575, 0.2980, 0.3255



29.3383, 0.2118, 0.2826



2.8300, 0.2135, 0.2887

Previews

White Background



This preview shows how the Yxy color 37.2308, 0.4686, 0.3499 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 37.2308, 0.4686, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

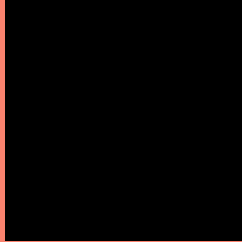
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2308, 0.4686, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 37.2308, 0.4686, 0.3499.



This preview shows how white text looks on a background with the Yxy color 37.2308, 0.4686, 0.3499.

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

37.2308, 0.4686, 0.3499

Protanopia

37.2617, 0.3600, 0.3845

Deuteranopia

37.2760, 0.4060, 0.3966



Tritanopia

37.1802, 0.4443, 0.3200

Trichromacy



Original Color

37.2308, 0.4686, 0.3499

Protanomaly

36.5090, 0.3984, 0.3706

Deuteranomaly

36.6807, 0.4291, 0.3775

Tritanomaly

37.0091, 0.4534, 0.3305

Monochromacy



Original Color

37.2308, 0.4686, 0.3499

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.6162, 0.3645, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2308, 0.4686, 0.3499 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(249, 130, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 130, 110) }
```

Border

The CSS property to change the border of an element to Yxy 37.2308, 0.4686, 0.3499 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, 110) }
```

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

```
.border{ border-color:rgb(249, 130, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 130, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 130, 110);  
box-shadow:4px 4px 4px 4px rgb(249, 130,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2308, 0.4686, 0.3499 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, 110) }
```

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

```
.background{ background-color: rgb(249,  
130, 110) }
```

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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