

Converting Colors

Yxy(32.9656, 0.5280, 0.3814)

Have a look what the booklet for
Yxy(32.9656, 0.5280, 0.3814)
contains.

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Color

Yxy(32.7921, 0.5282, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	F77539
RGB	247, 117, 57
RGB Percent	97%, 46%, 22%
CMY	0.0315, 0.5411, 0.7765
CMYK	0.00, 0.53, 0.77, 0.03
HSL	19°, 92%, 60%
HSV	19°, 77%, 97%
XYZ	45.4495, 32.7921, 7.8044
YIQ	149.0300, 96.7400, 8.9000

Conversions

Conversions Part 2

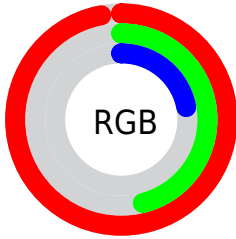
Format	Color
RYB	247, 145, 57
Decimal	16217401
CIELab	63.99, 46.20, 54.84
CIELCh	64, 71.704, 49.889
Yxy	32.7921, 0.5282, 0.3811
Android (android.graphics.Color)	4294407481 (0xFFFF77539)
YUV	149.0300, -45.3708, 85.9197
Hunter-Lab	57.2644, 41.4588, 32.0046

Details

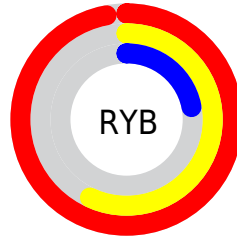
The Yxy color **32.7921, 0.5282, 0.3811** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **43.0958, 0.2086, 0.2481**, and the grayscale version is **30.2358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8478, 0.4459, 0.3938**, and **13.8593, 0.5835, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **29.0156, 0.5615, 0.3773**, and if you desaturate by 10%, it is **37.4023, 0.4918, 0.3802**.

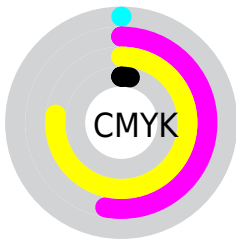
Distribution



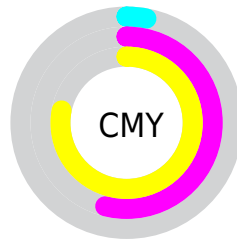
- Red (97%)
- Green (46%)
- Blue (22%)



- Red (97%)
- Yellow (57%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (77%)
- Black (3%)





- Cyan (3%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7921, 0.5282, 0.3811 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 32.7921, 0.5282, 0.3811 by changing the saturation by 10% instead.


 32.7921, 0.5282,
0.3811


 32.7921, 0.5282,
0.3811


314.7119, 0.4188,
0.3667

 21.9672, 0.5533,
0.3796


 64.0508, 0.4895,
0.3795

 13.8328, 0.5831,
0.3746


 85.2534, 0.4745,
0.3777

 8.0045, 0.6224,
0.3656


 110.6841, 0.4617,
0.3758

 4.0978, 0.6596,
0.3404

 140.7272, 0.4507,
0.3739

 1.7284, 0.7039,
0.2961

 175.7671, 0.4411,
0.3720

 0.4420, 0.7996,
0.2004

 216.1883, 0.4327,

 0.0000, 1.0000,

0.3701

0.0000

262.3751, 0.4253,
0.3684

■ 0.0000, 0.0000,
0.0000

■ 32.7921, 0.5282,
0.3811

■ 32.7921, 0.5282,
0.3811

■ 29.0156, 0.5615,
0.3773

■ 37.4023, 0.4918,
0.3802

■ 26.0096, 0.5881,
0.3686


■ 42.8914, 0.4555,
0.3757


■ 25.2239, 0.5953,
0.3656


■ 49.3073, 0.4217,
0.3686

■ 56.6926, 0.3915,
0.3603

■ 65.0869, 0.3653,
0.3515

 74.5276, 0.3429,
0.3428

 85.0501, 0.3240,
0.3345

 96.6882, 0.3081,
0.3267

 98.5084, 0.3078,
0.3290

Harmonies

Analogous

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



32.7921, 0.5026, 0.3095



32.7921, 0.5282, 0.3811



32.7921, 0.4844, 0.4576

Triad

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



32.7921, 0.5282, 0.3811



32.7921, 0.2083, 0.4357



32.7921, 0.2026, 0.1736

Complementary

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



32.7921, 0.5282, 0.3811



43.0958, 0.2086, 0.2481

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.



32.7921, 0.1515, 0.1782



32.7921, 0.5282, 0.3811



32.7921, 0.1513, 0.3059

Square

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



32.7921, 0.5282, 0.3811



32.7921, 0.2998, 0.5304



32.7921, 0.1345, 0.2179



32.7921, 0.2919, 0.1972

Rectangle

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



32.7921, 0.5282, 0.3811



32.7921, 0.4307, 0.5054



32.7921, 0.1345, 0.2179



32.7921, 0.1814, 0.1718

Sweetspot

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



32.7939, 0.5282, 0.3811



73.8036, 0.3562, 0.3481



26.4112, 0.3875, 0.2084



15.0365, 0.3646, 0.3513



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.



32.7939, 0.5282, 0.3811



29.4134, 0.5764, 0.3733



65.6522, 0.4394, 0.4662



17.3371, 0.3286, 0.3365



13.5681, 0.5923, 0.3679



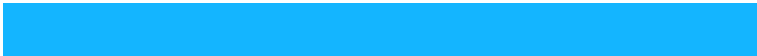
1.3693, 0.5679, 0.3873

Inverse Universe

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



43.0958, 0.2086, 0.2481



40.3644, 0.1982, 0.2296



15.7662, 0.1761, 0.1230



17.8229, 0.2980, 0.3213



18.8138, 0.1951, 0.2223



1.8375, 0.1993, 0.2373

Previews

White Background



This preview shows how the Yxy color 32.7921, 0.5282, 0.3811 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 32.7921, 0.5282, 0.3811 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 32.7921, 0.5282, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 32.7921, 0.5282, 0.3811.



This preview shows how white text looks on a background with the Yxy color 32.7921, 0.5282, 0.3811.

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

32.7921, 0.5282, 0.3811

Protanopia

33.0785, 0.4104, 0.4500

Deuteranopia

32.9953, 0.4543, 0.4458



Tritanopia

32.7839, 0.4733, 0.3215

Trichromacy



Original Color

32.7921, 0.5282, 0.3811

Protanomaly

31.9955, 0.4551, 0.4231

Deuteranomaly

32.4265, 0.4833, 0.4204

Tritanomaly

32.7945, 0.4967, 0.3460

Monochromacy



Original Color

32.7921, 0.5282, 0.3811

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.4666, 0.3911, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7921, 0.5282, 0.3811 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(247, 117, 57)` looks like.

```
.text, #text, p{  
    color:rgb(247, 117, 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(247, 117, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 117, 57) }
```

Border

The CSS property to change the border of an element to Yxy 32.7921, 0.5282, 0.3811 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(247, 117, 57) }
```

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

```
.border{ border-color:rgb(247, 117, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 117, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 117, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 117, 57);  
box-shadow:4px 4px 4px 4px rgb(247, 117,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7921, 0.5282, 0.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 117, 57) }
```

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

```
.background{ background-color: rgb(247,  
117, 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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