

Converting Colors

$Yxy(32.4218, 0.5492, 0.3856)$

Have a look what the booklet for
Yxy(32.4218, 0.5492, 0.3856)
contains.

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Color

Yxy(32.4112, 0.5497, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	FC7024
RGB	252, 112, 36
RGB Percent	99%, 44%, 14%
CMY	0.0117, 0.5608, 0.8588
CMYK	0.00, 0.56, 0.86, 0.01
HSL	21°, 97%, 56%
HSV	21°, 86%, 99%
XYZ	46.2644, 32.4112, 5.4874
YIQ	145.1960, 107.8360, 6.0440

Conversions

Conversions Part 2

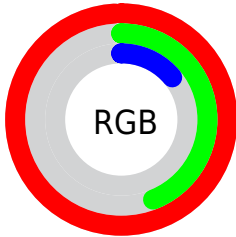
Format	Color
RYB	252, 153, 36
Decimal	16543780
CIELab	63.68, 49.86, 63.51
CIELCh	64, 80.741, 51.864
Yxy	32.4112, 0.5497, 0.3851
Android (android.graphics.Color)	4294733860 (0xFFFC7024)
YUV	145.1960, -53.8336, 93.6671
Hunter-Lab	56.9308, 45.4278, 34.1368

Details

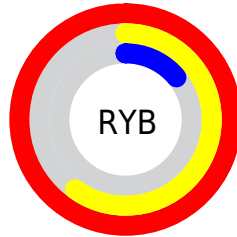
The Yxy color **32.4112, 0.5497, 0.3851** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **38.4753, 0.1990, 0.2262**, and the grayscale version is **28.5897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6187, 0.4641, 0.4050**, and **13.7175, 0.5943, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **29.0256, 0.5764, 0.3771**, and if you desaturate by 10%, it is **36.5627, 0.5173, 0.3879**.

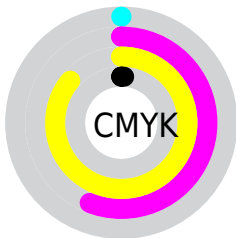
Distribution



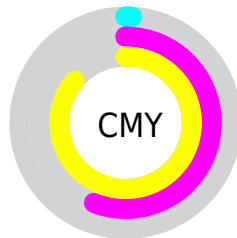
- Red (99%)
- Green (44%)
- Blue (14%)



- Red (99%)
- Yellow (60%)
- Blue (14%)



- Cyan (0%)
- Magenta (56%)
- Yellow (86%)
- Black (1%)





- Cyan (1%)
- Magenta (56%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4112, 0.5497, 0.3851 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 32.4112, 0.5497, 0.3851 by changing the saturation by 10% instead.


 32.4112, 0.5497,
0.3851


 32.4112, 0.5497,
0.3851


312.9882, 0.4321,
0.3730


 21.6758, 0.5749,
0.3816


 63.4552, 0.5093,
0.3855


 13.6189, 0.6039,
0.3734


 84.5325, 0.4933,
0.3842


 7.8561, 0.6404,
0.3596


 109.8259, 0.4794,
0.3824

 4.0030, 0.6719,
0.3281

 139.7198, 0.4674,
0.3805

 1.6752, 0.7184,
0.2816

 174.5986, 0.4569,
0.3786

 0.4075, 0.8201,
0.1799

 214.8467, 0.4476,

 0.0000, 1.0000,

0.3767

0.0000

260.8484, 0.4394,
0.3748

■ 0.0000, 0.0000,
0.0000

■ 32.4112, 0.5497,
0.3851

■ 32.4112, 0.5497,
0.3851

■ 29.0256, 0.5764,
0.3771

■ 36.5627, 0.5173,
0.3879

■ 27.7852, 0.5862,
0.3727


■ 41.5269, 0.4825,
0.3859

■ 47.3520, 0.4480,
0.3801

■ 54.0801, 0.4158,
0.3720

■ 61.7504, 0.3870,
0.3626

 70.3994, 0.3619,
0.3528

 80.0616, 0.3403,
0.3432

 90.7697, 0.3219,
0.3340

99.4400, 0.3109,
0.3290

Harmonies

Analogous

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



32.4112, 0.5308, 0.3089



32.4112, 0.5497, 0.3851



32.4112, 0.4927, 0.4699

Triad

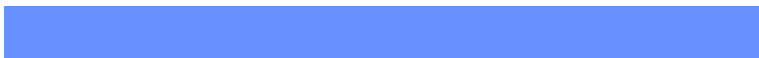
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.4112, 0.5497, 0.3851



32.4112, 0.1893, 0.4408



32.4112, 0.1959, 0.1602

Complementary

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



32.4112, 0.5497, 0.3851



38.4753, 0.1990, 0.2262

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.



32.4112, 0.1392, 0.1621



32.4112, 0.5497, 0.3851



32.4112, 0.1326, 0.2919

Square

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



32.4112, 0.5497, 0.3851



32.4112, 0.2866, 0.5567



32.4112, 0.1188, 0.2001



32.4112, 0.2962, 0.1873

Rectangle

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



32.4112, 0.5497, 0.3851



32.4112, 0.4306, 0.5256



32.4112, 0.1188, 0.2001



32.4112, 0.1724, 0.1575

Sweetspot

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



32.4130, 0.5497, 0.3851



72.0175, 0.3626, 0.3531



25.1138, 0.4147, 0.2140



14.7332, 0.3709, 0.3565



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.



32.4130, 0.5497, 0.3851



28.5197, 0.5863, 0.3727



71.8160, 0.4403, 0.4793



18.2238, 0.3285, 0.3374



14.7201, 0.5832, 0.3752



1.5543, 0.5604, 0.3933

Inverse Universe

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



38.4753, 0.1990, 0.2262



34.2431, 0.1909, 0.2071



11.5897, 0.1628, 0.0925



18.5210, 0.2980, 0.3205



17.6617, 0.1915, 0.2094



1.8348, 0.1959, 0.2253

Previews

White Background



This preview shows how the Yxy color 32.4112, 0.5497, 0.3851 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 32.4112, 0.5497, 0.3851 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 32.4112, 0.5497, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 32.4112, 0.5497, 0.3851.



This preview shows how white text looks on a background with the Yxy color 32.4112, 0.5497, 0.3851.

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

32.4112, 0.5497, 0.3851

Protanopia

32.5322, 0.4245, 0.4687

Deuteranopia

32.5012, 0.4686, 0.4612



Tritanopia

32.5330, 0.4884, 0.3229

Trichromacy



Original Color

32.4112, 0.5497, 0.3851

Protanomaly

31.1962, 0.4743, 0.4349

Deuteranomaly

31.7071, 0.5024, 0.4307

Tritanomaly

32.4360, 0.5177, 0.3510

Monochromacy



Original Color

32.4112, 0.5497, 0.3851

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9853, 0.4049, 0.3690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4112, 0.5497, 0.3851 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(252, 112, 36)` looks like.

```
.text, #text, p{  
    color:rgb(252, 112, 36)  
}
```

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(252, 112, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 112, 36) }
```

Border

The CSS property to change the border of an element to Yxy 32.4112, 0.5497, 0.3851 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(252, 112, 36) }
```

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

```
.border{ border-color:rgb(252, 112, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 112, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 112, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 112, 36);  
box-shadow:4px 4px 4px 4px rgb(252, 112,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4112, 0.5497, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 112, 36) }
```

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

```
.background{ background-color: rgb(252,  
112, 36) }
```

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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