

Converting Colors

$Y_{xy}(32.1239, 0.5276, 0.3551)$

Have a look what the booklet for
Yxy(32.1239, 0.5276, 0.3551)
contains.

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Color

Yxy(32.0899, 0.5282, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	FF6A4C
RGB	255, 106, 76
RGB Percent	100%, 42%, 30%
CMY	0.0000, 0.5844, 0.7018
CMYK	0.00, 0.58, 0.70, 0.00
HSL	10°, 100%, 65%
HSV	10°, 70%, 100%
XYZ	47.7058, 32.0899, 10.5220
YIQ	147.1310, 98.4340, 22.2580

Conversions

Conversions Part 2

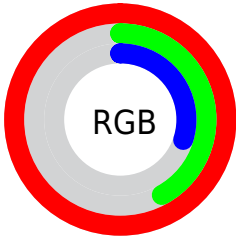
Format	Color
R_{YB}	255, 112, 76
Decimal	16738892
CIE _{Lab}	63.42, 55.04, 45.15
CIE _{LCh}	63, 71.189, 39.360
Yxy	32.0899, 0.5282, 0.3553
Android (android.graphics.Color)	4294928972 (0xFFFF6A4C)
YUV	147.1310, -35.0676, 94.6011
Hunter-Lab	56.6479, 51.1891, 28.6408

Details

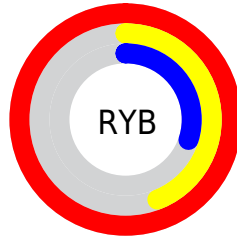
The Yxy color **32.0899, 0.5282, 0.3553** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **62.6312, 0.2234, 0.2916**, and the grayscale version is **29.3490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6070, 0.4368, 0.3666**, and **13.3617, 0.5892, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **27.9532, 0.5696, 0.3534**, and if you desaturate by 10%, it is **37.4449, 0.4849, 0.3544**.

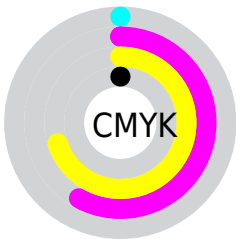
Distribution



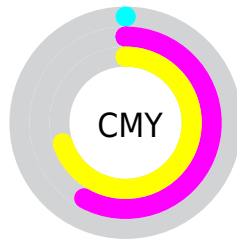
- Red (100%)
- Green (42%)
- Blue (30%)



- Red (100%)
- Yellow (44%)
- Blue (30%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (0%)





- Cyan (0%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0899, 0.5282, 0.3553 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 32.0899, 0.5282, 0.3553 by changing the saturation by 10% instead.

 32.0899, 0.5282,
0.3553


 32.0899, 0.5282,
0.3553


311.5286, 0.4162,
0.3521


 21.4302, 0.5553,
0.3521


 62.9520, 0.4876,
0.3570

 13.4388, 0.5888,
0.3454


 83.9232, 0.4722,
0.3568


 7.7314, 0.6299,
0.3326


 109.1003, 0.4592,
0.3562

 3.9236, 0.6881,
0.3119

 138.8677, 0.4481,
0.3555

 1.6309, 0.7371,
0.2629

 173.6098, 0.4385,
0.3547

 0.3783, 0.8430,
0.1570

213.7111, 0.4301,

 0.0000, 1.0000,

0.3538

0.0000

259.5559, 0.4227,
0.3530

■ 0.0000, 0.0000,
0.0000

■ 32.0899, 0.5282,
0.3553

■ 32.0899, 0.5282,
0.3553

■ 27.9532, 0.5696,
0.3534

■ 37.4449, 0.4849,
0.3544

■ 24.9435, 0.6035,
0.3483


■ 44.1140, 0.4440,
0.3515

■ 22.9648, 0.6257,
0.3414

■ 52.1742, 0.4079,
0.3473

■ 61.6989, 0.3771,
0.3427

■ 72.7560, 0.3514,
0.3379

 85.4095, 0.3303,
0.3333

99.7194, 0.3130,
0.3291

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



32.0899, 0.4755, 0.2858



32.0899, 0.5282, 0.3553



32.0899, 0.5060, 0.4306

Triad

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



32.0899, 0.5282, 0.3553



32.0899, 0.2376, 0.4785



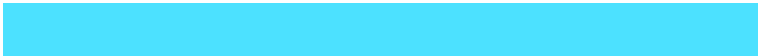
32.0899, 0.1804, 0.1718

Complementary

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



32.0899, 0.5282, 0.3553



62.6312, 0.2234, 0.2916

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.



32.0899, 0.1418, 0.1875



32.0899, 0.5282, 0.3553



32.0899, 0.1665, 0.3489

Square

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



32.0899, 0.5282, 0.3553



32.0899, 0.3353, 0.5392



32.0899, 0.1363, 0.2426



32.0899, 0.2563, 0.1859

Rectangle

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



32.0899, 0.5282, 0.3553



32.0899, 0.4607, 0.4813



32.0899, 0.1363, 0.2426



32.0899, 0.1637, 0.1734

Sweetspot

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



32.0873, 0.5282, 0.3553



71.7959, 0.3533, 0.3383



31.8784, 0.3507, 0.1946



14.6878, 0.3600, 0.3396



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.



32.0873, 0.5282, 0.3553



26.6782, 0.5837, 0.3518



60.9662, 0.4488, 0.4404



18.4782, 0.3290, 0.3330



12.1425, 0.6235, 0.3431



1.3135, 0.6042, 0.3584

Inverse Universe

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



62.6312, 0.2234, 0.2916



58.4266, 0.2149, 0.2832



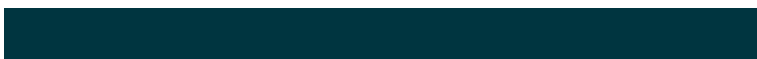
26.2775, 0.1932, 0.1704



19.9333, 0.2980, 0.3249



28.6506, 0.2096, 0.2746



2.9208, 0.2115, 0.2815

Previews

White Background



This preview shows how the Yxy color 32.0899, 0.5282, 0.3553 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 32.0899, 0.5282, 0.3553 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 32.0899, 0.5282, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 32.0899, 0.5282, 0.3553.



This preview shows how white text looks on a background with the Yxy color 32.0899, 0.5282, 0.3553.

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

32.0899, 0.5282, 0.3553

Protanopia

32.2087, 0.3868, 0.4203

Deuteranopia

32.0515, 0.4387, 0.4286



Tritanopia

32.0646, 0.4935, 0.3239

Trichromacy



Original Color

32.0899, 0.5282, 0.3553

Protanomaly

30.8426, 0.4403, 0.3943

Deuteranomaly

30.9837, 0.4744, 0.3974

Tritanomaly

32.0237, 0.5073, 0.3360

Monochromacy



Original Color

32.0899, 0.5282, 0.3553

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.3221, 0.3890, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0899, 0.5282, 0.3553 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(255, 106, 76)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 76)  
}
```

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(255, 106, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 76) }
```

Border

The CSS property to change the border of an element to Yxy 32.0899, 0.5282, 0.3553 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(255, 106, 76) }
```

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

```
.border{ border-color:rgb(255, 106, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 106, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 76);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0899, 0.5282, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 76) }
```

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

```
.background{ background-color: rgb(255,  
106, 76) }
```

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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