

Converting Colors

$Y_{xy}(32.2239, 0.5191, 0.3482)$

Have a look what the booklet for
Yxy(32.2239, 0.5191, 0.3482)
contains.

Yxy(32.2239, 0.5191, 0.3482)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.2239, 0.5191, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	FF6A55
RGB	255, 106, 85
RGB Percent	100%, 42%, 33%
CMY	0.0000, 0.5844, 0.6667
CMYK	0.00, 0.58, 0.67, 0.00
HSL	7°, 100%, 67%
HSV	7°, 67%, 100%
XYZ	48.0397, 32.2239, 12.2806
YIQ	148.1570, 95.5450, 25.0570

Conversions

Conversions Part 2

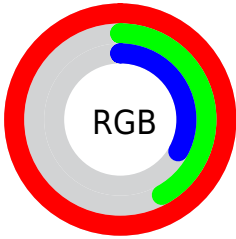
Format	Color
R _Y B	255, 109, 85
Decimal	16738901
CIE Lab	63.53, 55.49, 40.49
CIE LCh	64, 68.690, 36.114
Yxy	32.2239, 0.5191, 0.3482
Android (android.graphics.Color)	4294928981 (0xFFFF6A55)
YUV	148.1570, -31.1364, 93.7013
Hunter-Lab	56.7661, 51.7193, 26.9096

Details

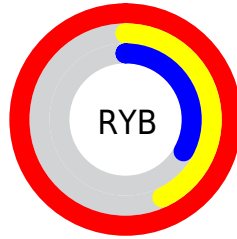
The Yxy color **32.2239, 0.5191, 0.3482** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **67.9994, 0.2284, 0.3032**, and the grayscale version is **29.7819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8499, 0.4283, 0.3575**, and **13.5496, 0.5791, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **27.8655, 0.5630, 0.3472**, and if you desaturate by 10%, it is **37.9236, 0.4746, 0.3471**.

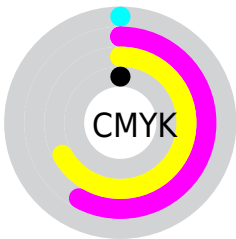
Distribution



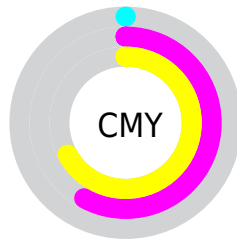
- Red (100%)
- Green (42%)
- Blue (33%)



- Red (100%)
- Yellow (43%)
- Blue (33%)



- Cyan (0%)
- Magenta (58%)
- Yellow (67%)
- Black (0%)




- Cyan (0%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2239, 0.5191, 0.3482 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 32.2239, 0.5191, 0.3482 by changing the saturation by 10% instead.


 32.2239, 0.5191,
0.3482


 32.2239, 0.5191,
0.3482


312.1379, 0.4111,
0.3472

 21.5326, 0.5459,
0.3450


 63.1619, 0.4796,
0.3503


 13.5138, 0.5793,
0.3388


 84.1774, 0.4647,
0.3503


 7.7833, 0.6214,
0.3269


 109.4031, 0.4522,
0.3500

 3.9566, 0.6886,
0.3110

 139.2233, 0.4415,
0.3496

 1.6493, 0.7378,
0.2622

 174.0225, 0.4323,
0.3490

 0.3905, 0.8414,
0.1586

214.1851, 0.4243,

 0.0000, 1.0000,

0.3484

0.0000

260.0954, 0.4173,
0.3478

■ 0.0000, 0.0000,
0.0000

■ 32.2239, 0.5191,
0.3482

■ 32.2239, 0.5191,
0.3482

■ 27.8655, 0.5630,
0.3472

■ 37.9236, 0.4746,
0.3471

■ 24.7437, 0.6004,
0.3438

■ 45.0711, 0.4336,
0.3447

■ 22.7255, 0.6256,
0.3384

■ 53.7536, 0.3980,
0.3414

■ 22.2658, 0.6315,
0.3368

■ 64.0537, 0.3683,
0.3379

■ 76.0480, 0.3438,
0.3344

89.8081, 0.3239,
0.3311

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.



32.2239, 0.4601, 0.2807



32.2239, 0.5191, 0.3482



32.2239, 0.5059, 0.4212

Triad

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



32.2239, 0.5191, 0.3482



32.2239, 0.2503, 0.4832



32.2239, 0.1785, 0.1763

Complementary

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



32.2239, 0.5191, 0.3482



67.9994, 0.2284, 0.3032

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.



32.2239, 0.1442, 0.1956



32.2239, 0.5191, 0.3482



32.2239, 0.1768, 0.3622

Square

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



32.2239, 0.5191, 0.3482



32.2239, 0.3465, 0.5315



32.2239, 0.1425, 0.2547



32.2239, 0.2485, 0.1870

Rectangle

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



32.2239, 0.5191, 0.3482



32.2239, 0.4655, 0.4704



32.2239, 0.1425, 0.2547



32.2239, 0.1633, 0.1790

Sweetspot

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



32.2215, 0.5191, 0.3482



71.8602, 0.3514, 0.3356



33.7637, 0.3393, 0.1925



14.6569, 0.3583, 0.3365



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.



32.2215, 0.5191, 0.3482



26.6946, 0.5765, 0.3464



58.6695, 0.4484, 0.4295



18.3483, 0.3291, 0.3320



11.7465, 0.6297, 0.3382



1.2525, 0.6129, 0.3516

Inverse Universe

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



67.9994, 0.2284, 0.3032



64.4100, 0.2200, 0.2974



31.0156, 0.2013, 0.1907



20.0759, 0.2980, 0.3260



31.6420, 0.2137, 0.2894



3.1838, 0.2151, 0.2944

Previews

White Background



This preview shows how the Yxy color 32.2239, 0.5191, 0.3482 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 32.2239, 0.5191, 0.3482 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 32.2239, 0.5191, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 32.2239, 0.5191, 0.3482.



This preview shows how white text looks on a background with the Yxy color 32.2239, 0.5191, 0.3482.

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

32.2239, 0.5191, 0.3482

Protanopia

32.3060, 0.3755, 0.4052

Deuteranopia

32.3504, 0.4293, 0.4208



Tritanopia

32.2864, 0.4916, 0.3239

Trichromacy



Original Color

32.2239, 0.5191, 0.3482

Protanomaly

30.8780, 0.4289, 0.3827

Deuteranomaly

31.3779, 0.4651, 0.3899

Tritanomaly

32.3027, 0.5018, 0.3333

Monochromacy



Original Color

32.2239, 0.5191, 0.3482

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.8205, 0.3849, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2239, 0.5191, 0.3482 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, 85)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 85)  
}
```

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, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 85) }
```

Border

The CSS property to change the border of an element to Yxy 32.2239, 0.5191, 0.3482 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, 85) }
```

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

```
.border{ border-color:rgb(255, 106, 85) }
```

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, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
85) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.2239, 0.5191, 0.3482$ 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, 85) }
```

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

```
.background{ background-color: rgb(255,  
106, 85) }
```

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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