

Converting Colors

$Y_{xy}(32.1773, 0.5222, 0.3507)$

Have a look what the booklet for
Yxy(32.1773, 0.5222, 0.3507)
contains.

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Color

Yxy(32.1773, 0.5222, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	FF6A52
RGB	255, 106, 82
RGB Percent	100%, 42%, 32%
CMY	0.0001, 0.5842, 0.6786
CMYK	0.00, 0.58, 0.68, 0.00
HSL	8°, 100%, 66%
HSV	8°, 68%, 100%
XYZ	47.9127, 32.1773, 11.6616
YIQ	147.8150, 96.5080, 24.1240

Conversions

Conversions Part 2

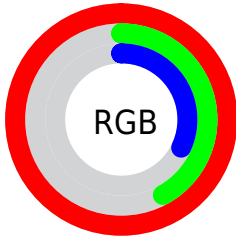
Format	Color
R _Y B	255, 110, 82
Decimal	16738898
CIE Lab	63.49, 55.31, 42.07
CIE LCh	63, 69.488, 37.260
Yxy	32.1773, 0.5222, 0.3507
Android (android.graphics.Color)	4294928978 (0xFFFF6A52)
YUV	147.8150, -32.4468, 94.0012
Hunter-Lab	56.7250, 51.5009, 27.5186

Details

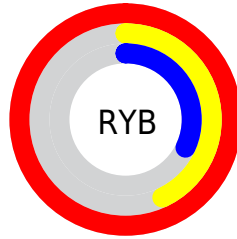
The Yxy color **32.1773, 0.5222, 0.3507** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **66.1254, 0.2267, 0.2993**, and the grayscale version is **29.6429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7666, 0.4312, 0.3605**, and **13.5244, 0.5837, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **27.8991, 0.5653, 0.3494**, and if you desaturate by 10%, it is **37.7612, 0.4781, 0.3496**.

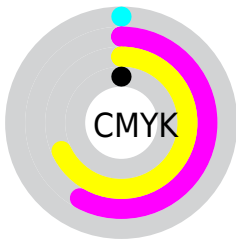
Distribution



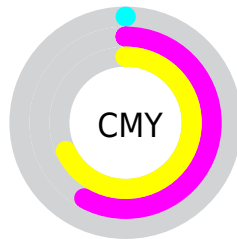
- Red (100%)
- Green (42%)
- Blue (32%)



- Red (100%)
- Yellow (43%)
- Blue (32%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1773, 0.5222, 0.3507 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 32.1773, 0.5222, 0.3507 by changing the saturation by 10% instead.


 32.1773, 0.5222,
0.3507


 32.1773, 0.5222,
0.3507


311.9261, 0.4128,
0.3489


 21.4970, 0.5491,
0.3475


 63.0889, 0.4823,
0.3526


 13.4877, 0.5826,
0.3412


 84.0890, 0.4673,
0.3526


 7.7653, 0.6244,
0.3290


 109.2978, 0.4546,
0.3522

 3.9451, 0.6885,
0.3115

 139.0997, 0.4437,
0.3516

 1.6429, 0.7375,
0.2625

 173.8791, 0.4344,
0.3510

 0.3863, 0.8418,
0.1582

214.0203, 0.4262,


 0.0000, 1.0000,


0.3503


0.0000


259.9079, 0.4191,
0.3496


 0.0000, 0.0000,
0.0000

 32.1773, 0.5222,
0.3507


 32.1773, 0.5222,
0.3507


 27.8991, 0.5653,
0.3494


 37.7612, 0.4781,
0.3496


 24.8142, 0.6016,
0.3454

 44.7405, 0.4371,
0.3470


 22.7981, 0.6257,
0.3394

 53.2031, 0.4013,
0.3434

 22.4863, 0.6296,
0.3383

 63.2280, 0.3712,
0.3395

 74.8887, 0.3464,
0.3355

 88.2540, 0.3260,
0.3318

99.9976, 0.3127,
0.3290

Harmonies

Analogous

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



32.1773, 0.4653, 0.2825



32.1773, 0.5222, 0.3507



32.1773, 0.5059, 0.4244

Triad

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



32.1773, 0.5222, 0.3507



32.1773, 0.2459, 0.4816



32.1773, 0.1792, 0.1748

Complementary

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



32.1773, 0.5222, 0.3507



66.1254, 0.2267, 0.2993

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.



32.1773, 0.1435, 0.1928



32.1773, 0.5222, 0.3507



32.1773, 0.1733, 0.3576

Square

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



32.1773, 0.5222, 0.3507



32.1773, 0.3426, 0.5340



32.1773, 0.1404, 0.2505



32.1773, 0.2512, 0.1867

Rectangle

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



32.1773, 0.5222, 0.3507



32.1773, 0.4638, 0.4741



32.1773, 0.1404, 0.2505



32.1773, 0.1635, 0.1771

Sweetspot

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



32.1791, 0.5222, 0.3507



72.2532, 0.3513, 0.3364



33.1089, 0.3429, 0.1931



14.7491, 0.3581, 0.3375



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.



32.1791, 0.5222, 0.3507



26.8083, 0.5777, 0.3485



59.3668, 0.4487, 0.4331



18.3942, 0.3291, 0.3324



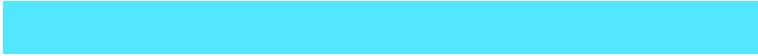
11.8740, 0.6277, 0.3398



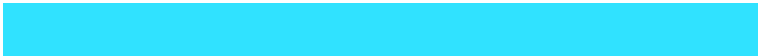
1.2740, 0.6098, 0.3540

Inverse Universe

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



66.1254, 0.2267, 0.2993



62.4062, 0.2184, 0.2928



29.3874, 0.1986, 0.1840



20.0254, 0.2980, 0.3256



30.5605, 0.2123, 0.2842



3.0890, 0.2139, 0.2898

Previews

White Background



This preview shows how the Yxy color 32.1773, 0.5222, 0.3507 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 32.1773, 0.5222, 0.3507 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 32.1773, 0.5222, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 32.1773, 0.5222, 0.3507.



This preview shows how white text looks on a background with the Yxy color 32.1773, 0.5222, 0.3507.

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

32.1773, 0.5222, 0.3507

Protanopia

32.3369, 0.3803, 0.4106

Deuteranopia

32.3090, 0.4319, 0.4240



Tritanopia

32.0863, 0.4922, 0.3229

Trichromacy



Original Color

32.1773, 0.5222, 0.3507

Protanomaly

30.9610, 0.4332, 0.3860

Deuteranomaly

31.3345, 0.4679, 0.3929

Tritanomaly

32.0807, 0.5037, 0.3333

Monochromacy



Original Color

32.1773, 0.5222, 0.3507

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.7951, 0.3861, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1773, 0.5222, 0.3507 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 82) }
```

Border

The CSS property to change the border of an element to Yxy 32.1773, 0.5222, 0.3507 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, 82) }
```

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

```
.border{ border-color:rgb(255, 106, 82) }
```

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, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
82) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.1773, 0.5222, 0.3507$ 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, 82) }
```

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

```
.background{ background-color: rgb(255,  
106, 82) }
```

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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