

Converting Colors

$Y_{xy}(30.7181, 0.5152, 0.3520)$

Have a look what the booklet for
Yxy(30.7181, 0.5152, 0.3520)
contains.

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Color

Yxy(30.6914, 0.5161, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	F76A52
RGB	247, 106, 82
RGB Percent	97%, 42%, 32%
CMY	0.0313, 0.5843, 0.6784
CMYK	0.00, 0.57, 0.67, 0.03
HSL	9°, 91%, 65%
HSV	9°, 67%, 97%
XYZ	45.0379, 30.6914, 11.5365
YIQ	145.4230, 91.7400, 22.4280

Conversions

Conversions Part 2

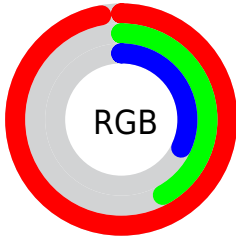
Format	Color
R _Y B	247, 110, 82
Decimal	16214610
CIE Lab	62.25, 52.54, 40.27
CIE LCh	62, 66.196, 37.469
Yxy	30.6914, 0.5161, 0.3517
Android (android.graphics.Color)	4294404690 (0xFF76A52)
YUV	145.4230, -31.2675, 89.0830
Hunter-Lab	55.3998, 48.1639, 26.4332

Details

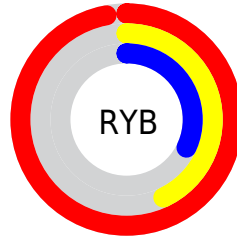
The Yxy color **30.6914, 0.5161, 0.3517** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **61.3019, 0.2273, 0.2985**, and the grayscale version is **28.5995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4157, 0.4318, 0.3595**, and **12.6854, 0.5756, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **26.5538, 0.5594, 0.3507**, and if you desaturate by 10%, it is **36.0385, 0.4725, 0.3503**.

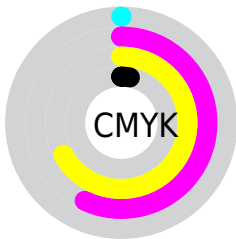
Distribution



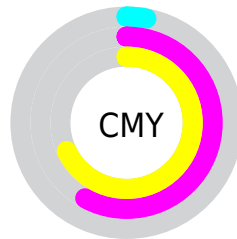
- Red (97%)
- Green (42%)
- Blue (32%)



- Red (97%)
- Yellow (43%)
- Blue (32%)



- Cyan (0%)
- Magenta (57%)
- Yellow (67%)
- Black (3%)




- Cyan (3%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.6914, 0.5161, 0.3517 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 30.6914, 0.5161, 0.3517 by changing the saturation by 10% instead.


 30.6914, 0.5161,
0.3517


 30.6914, 0.5161,
0.3517


305.1141, 0.4088,
0.3487

 20.3640, 0.5430,
0.3489


 60.7539, 0.4766,
0.3531


 12.6599, 0.5766,
0.3431

 81.2577, 0.4619,
0.3528

 7.1948, 0.6191,
0.3314


 105.9225, 0.4495,
0.3523

 3.5842, 0.6855,
0.3145

 135.1326, 0.4389,
0.3516

 1.4438, 0.7360,
0.2640

 169.2724, 0.4298,
0.3509

 0.2487, 0.8735,
0.1265

208.7263, 0.4219,

 0.0000, 1.0000,

0.3502

0.0000

253.8787, 0.4149,
0.3494

0.0000, 0.0000,
0.0000

30.6914, 0.5161,
0.3517

30.6914, 0.5161,
0.3517

26.5538, 0.5594,
0.3507

36.0385, 0.4725,
0.3503

23.5252, 0.5967,
0.3470

42.6750, 0.4323,
0.3474


21.4967, 0.6225,
0.3409


50.6797, 0.3974,
0.3436


21.0315, 0.6286,
0.3391

60.1236, 0.3681,
0.3395

71.0729, 0.3439,
0.3354

 83.5895, 0.3241,
0.3315

 97.7320, 0.3079,
0.3279

 98.5158, 0.3078,
0.3290

Harmonies

Analogous

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



30.6914, 0.4611, 0.2846



30.6914, 0.5161, 0.3517



30.6914, 0.5007, 0.4238

Triad

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



30.6914, 0.5161, 0.3517



30.6914, 0.2478, 0.4752



30.6914, 0.1830, 0.1785

Complementary

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



30.6914, 0.5161, 0.3517



61.3019, 0.2273, 0.2985

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.



30.6914, 0.1476, 0.1963



30.6914, 0.5161, 0.3517



30.6914, 0.1769, 0.3562

Square

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



30.6914, 0.5161, 0.3517



30.6914, 0.3422, 0.5272



30.6914, 0.1446, 0.2528



30.6914, 0.2538, 0.1903

Rectangle

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



30.6914, 0.5161, 0.3517



30.6914, 0.4602, 0.4718



30.6914, 0.1446, 0.2528



30.6914, 0.1675, 0.1809

Sweetspot

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



30.6931, 0.5161, 0.3517



72.4133, 0.3512, 0.3367



31.2501, 0.3423, 0.1946



14.7867, 0.3580, 0.3378



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.



30.6931, 0.5161, 0.3517



27.3318, 0.5728, 0.3498



55.7196, 0.4462, 0.4320



16.8710, 0.3290, 0.3325



11.2443, 0.6266, 0.3407



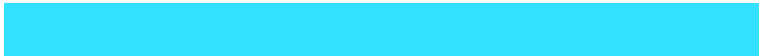
1.1042, 0.6062, 0.3569

Inverse Universe

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



61.3019, 0.2273, 0.2985



61.9642, 0.2185, 0.2916



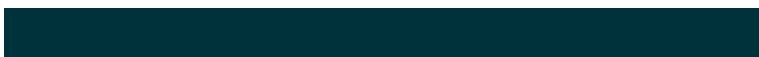
28.0105, 0.2003, 0.1869



18.3232, 0.2980, 0.3255



28.3806, 0.2117, 0.2822



2.6041, 0.2135, 0.2886

Previews

White Background



This preview shows how the Yxy color 30.6914, 0.5161, 0.3517 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 30.6914, 0.5161, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

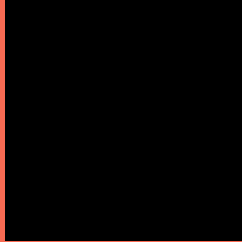
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.6914, 0.5161, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 30.6914, 0.5161, 0.3517.



This preview shows how white text looks on a background with the Yxy color 30.6914, 0.5161, 0.3517.

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

30.6914, 0.5161, 0.3517

Protanopia

30.9076, 0.3785, 0.4094

Deuteranopia

30.8936, 0.4294, 0.4212



Tritanopia

30.5633, 0.4880, 0.3227

Trichromacy



Original Color

30.6914, 0.5161, 0.3517

Protanomaly

29.5700, 0.4292, 0.3865

Deuteranomaly

29.9252, 0.4629, 0.3916

Tritanomaly

30.5578, 0.4998, 0.3334

Monochromacy



Original Color

30.6914, 0.5161, 0.3517

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.5828, 0.3836, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6914, 0.5161, 0.3517 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, 106, 82)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 106, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 106, 82) }
```

Border

The CSS property to change the border of an element to Yxy 30.6914, 0.5161, 0.3517 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, 106, 82) }
```

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

```
.border{ border-color:rgb(247, 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(247, 106, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 106, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 106, 82);  
box-shadow:4px 4px 4px 4px rgb(247, 106,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6914, 0.5161, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 106, 82) }
```

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

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