

Converting Colors

$Y_{xy}(30.6696, 0.5124, 0.3413)$

Have a look what the booklet for
Yxy(30.6696, 0.5124, 0.3413)
contains.

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Color

Yxy(30.7627, 0.5121, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	FA675A
RGB	250, 103, 90
RGB Percent	98%, 40%, 35%
CMY	0.0196, 0.5960, 0.6471
CMYK	0.00, 0.59, 0.64, 0.02
HSL	5°, 94%, 67%
HSV	5°, 64%, 98%
XYZ	46.1170, 30.7627, 13.1750
YIQ	145.4710, 91.7850, 27.1210

Conversions

Conversions Part 2

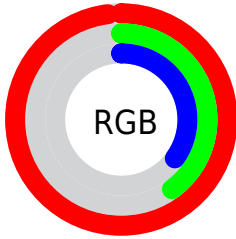
Format	Color
R _Y B	250, 104, 90
Decimal	16410458
CIE Lab	62.31, 55.37, 36.09
CIE LCh	62, 66.090, 33.097
Yxy	30.7627, 0.5121, 0.3416
Android (android.graphics.Color)	4294600538 (0xFFFA675A)
YUV	145.4710, -27.3472, 91.6719
Hunter-Lab	55.4641, 51.3560, 24.7411

Details

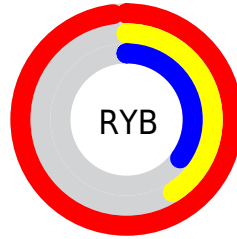
The Yxy color **30.7627, 0.5121, 0.3416** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **69.6137, 0.2325, 0.3129**, and the grayscale version is **28.6047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.9497, 0.4251, 0.3492**, and **12.7006, 0.5724, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **26.4494, 0.5579, 0.3412**, and if you desaturate by 10%, it is **36.4764, 0.4667, 0.3407**.

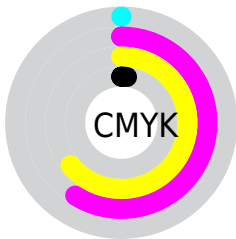
Distribution



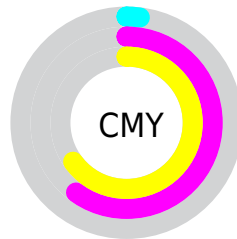
- Red (98%)
- Green (40%)
- Blue (35%)



- Red (98%)
- Yellow (41%)
- Blue (35%)



- Cyan (0%)
- Magenta (59%)
- Yellow (64%)
- Black (2%)





- Cyan (2%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.7627, 0.5121, 0.3416 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 30.7627, 0.5121, 0.3416 by changing the saturation by 10% instead.


 30.7627, 0.5121,
0.3416

 30.7627, 0.5121,
0.3416


305.4436, 0.4064,
0.3429

 20.4182, 0.5390,
0.3382


 60.8663, 0.4730,
0.3443

 12.6994, 0.5731,
0.3318


 81.3942, 0.4584,
0.3446

 7.2219, 0.6168,
0.3199


 106.0853, 0.4462,
0.3446

 3.6013, 0.6839,
0.3022

 135.3241, 0.4358,
0.3444

 1.4531, 0.7449,
0.2551

169.4949, 0.4269,
0.3441

 0.2554, 0.8782,
0.1218

208.9822, 0.4192,

 0.0000, 1.0000,

0.3437


0.0000


254.1703, 0.4124,
0.3433


 0.0000, 0.0000,
0.0000

 30.7627, 0.5121,
0.3416


 30.7627, 0.5121,
0.3416

 26.4494, 0.5579,
0.3412


 36.4764, 0.4667,
0.3407


 23.4111, 0.5979,
0.3391

 43.6918, 0.4258,
0.3389

 21.5085, 0.6255,
0.3356

 52.5067, 0.3908,
0.3367

 20.8359, 0.6354,
0.3337

 63.0091, 0.3618,
0.3343

 75.2808, 0.3383,
0.3320

89.3980, 0.3193,
0.3298

99.0623, 0.3096,
0.3290

Harmonies

Analogous

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



30.7627, 0.4476, 0.2756



30.7627, 0.5121, 0.3416



30.7627, 0.5065, 0.4131

Triad

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



30.7627, 0.5121, 0.3416



30.7627, 0.2609, 0.4882



30.7627, 0.1760, 0.1794

Complementary

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



30.7627, 0.5121, 0.3416



69.6137, 0.2325, 0.3129

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.



30.7627, 0.1454, 0.2021



30.7627, 0.5121, 0.3416



30.7627, 0.1852, 0.3742

Square

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



30.7627, 0.5121, 0.3416



30.7627, 0.3562, 0.5262



30.7627, 0.1472, 0.2652



30.7627, 0.2413, 0.1872

Rectangle

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



30.7627, 0.5121, 0.3416



30.7627, 0.4703, 0.4615



30.7627, 0.1472, 0.2652



30.7627, 0.1621, 0.1832

Sweetspot

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



30.7644, 0.5121, 0.3416



72.0828, 0.3495, 0.3331



33.8821, 0.3299, 0.1904



14.6588, 0.3564, 0.3338



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.



30.7644, 0.5121, 0.3416



26.5572, 0.5711, 0.3407



53.9666, 0.4484, 0.4192



17.4524, 0.3292, 0.3310



11.1329, 0.6341, 0.3347



1.1067, 0.6209, 0.3452

Inverse Universe

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



69.6137, 0.2325, 0.3129



69.8710, 0.2243, 0.3092



33.9797, 0.2080, 0.2083



19.3522, 0.2980, 0.3270



33.6717, 0.2176, 0.3033



3.1881, 0.2185, 0.3066

Previews

White Background



This preview shows how the Yxy color 30.7627, 0.5121, 0.3416 looks on a white background.

Color Contrast Check

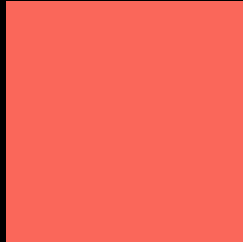
Large Text (above 18pt) WCAG AA × Fail

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 30.7627, 0.5121, 0.3416 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 30.7627, 0.5121, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 30.7627, 0.5121, 0.3416.



This preview shows how white text looks on a background with the Yxy color 30.7627, 0.5121, 0.3416.

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

30.7627, 0.5121, 0.3416

Protanopia

30.9187, 0.3656, 0.3935

Deuteranopia

30.8853, 0.4211, 0.4123



Tritanopia

30.8781, 0.4938, 0.3238

Trichromacy



Original Color

30.7627, 0.5121, 0.3416

Protanomaly

29.4788, 0.4190, 0.3724

Deuteranomaly

29.9277, 0.4567, 0.3815

Tritanomaly

30.9516, 0.5006, 0.3305

Monochromacy



Original Color

30.7627, 0.5121, 0.3416

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.5132, 0.3816, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7627, 0.5121, 0.3416 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(250, 103, 90)` looks like.

```
.text, #text, p{  
    color:rgb(250, 103, 90)  
}
```

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(250, 103, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 103, 90) }
```

Border

The CSS property to change the border of an element to Yxy 30.7627, 0.5121, 0.3416 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(250, 103, 90) }
```

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

```
.border{ border-color:rgb(250, 103, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 103, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 103, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 103, 90);  
box-shadow:4px 4px 4px 4px rgb(250, 103,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7627, 0.5121, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 103, 90) }
```

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

```
.background{ background-color: rgb(250,  
103, 90) }
```

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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