

Converting Colors

$Y_{xy}(30.9240, 0.4951, 0.3440)$

Have a look what the booklet for
Yxy(30.9240, 0.4951, 0.3440)
contains.

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Color

Yxy(31.0328, 0.4950, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	F36E5F
RGB	243, 110, 95
RGB Percent	95%, 43%, 37%
CMY	0.0471, 0.5686, 0.6274
CMYK	0.00, 0.55, 0.61, 0.05
HSL	6°, 86%, 66%
HSV	6°, 61%, 95%
XYZ	44.6029, 31.0328, 14.4712
YIQ	148.0570, 84.0830, 23.5310

Conversions

Conversions Part 2

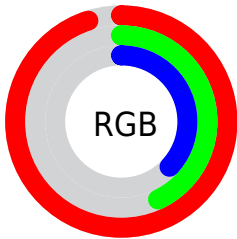
Format	Color
R _Y B	243, 112, 95
Decimal	15953503
CIE Lab	62.54, 50.03, 33.34
CIE LCh	63, 60.125, 33.678
Yxy	31.0328, 0.4950, 0.3444
Android (android.graphics.Color)	4294143583 (0xFFFF36E5F)
YUV	148.0570, -26.1571, 83.2650
Hunter-Lab	55.7071, 45.4319, 23.5931

Details

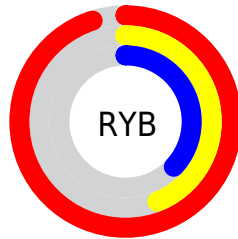
The Yxy color **31.0328, 0.4950, 0.3444** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **64.3950, 0.2342, 0.3100**, and the grayscale version is **29.7269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2456, 0.4162, 0.3493**, and **12.8655, 0.5521, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **26.5128, 0.5405, 0.3446**, and if you desaturate by 10%, it is **36.8550, 0.4515, 0.3428**.

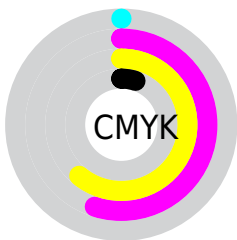
Distribution



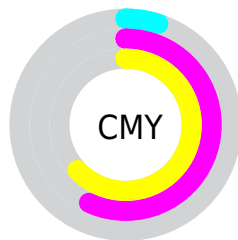
- Red (95%)
- Green (43%)
- Blue (37%)



- Red (95%)
- Yellow (44%)
- Blue (37%)



- Cyan (0%)
- Magenta (55%)
- Yellow (61%)
- Black (5%)





- Cyan (5%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.0328, 0.4950, 0.3444 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 31.0328, 0.4950, 0.3444 by changing the saturation by 10% instead.


 31.0328, 0.4950,
0.3444


 31.0328, 0.4950,
0.3444


306.6894, 0.3980,
0.3429

 20.6238, 0.5200,
0.3422


 61.2917, 0.4589,
0.3457

 12.8493, 0.5521,
0.3376


 81.9104, 0.4455,
0.3456

 7.3249, 0.5938,
0.3283


 106.7012, 0.4344,
0.3453

 3.6661, 0.6546,
0.3126

 136.0484, 0.4249,
0.3449

 1.4886, 0.7257,
0.2743

170.3364, 0.4167,
0.3444

 0.2807, 0.8559,
0.1441

209.9497, 0.4097,


 0.0000, 1.0000,


0.3439


0.0000


255.2725, 0.4035,
0.3434


 0.0000, 0.0000,
0.0000


 31.0328, 0.4950,
0.3444


 31.0328, 0.4950,
0.3444


 26.5128, 0.5405,
0.3446

 36.8550, 0.4515,
0.3428


 23.1898, 0.5829,
0.3428


 44.0639, 0.4130,
0.3404

 20.9505, 0.6155,
0.3391

 52.7428, 0.3805,
0.3376

 19.7322, 0.6335,
0.3352

 62.9672, 0.3537,
0.3346

 74.8070, 0.3318,
0.3318

■ 88.3281, 0.3141,
0.3292

■ 97.7935, 0.3054,
0.3290

Harmonies

Analogous

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



31.0328, 0.4369, 0.2818



31.0328, 0.4950, 0.3444



31.0328, 0.4909, 0.4114

Triad

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



31.0328, 0.4950, 0.3444



31.0328, 0.2654, 0.4697



31.0328, 0.1871, 0.1903

Complementary

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



31.0328, 0.4950, 0.3444



64.3950, 0.2342, 0.3100

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.



31.0328, 0.1575, 0.2120



31.0328, 0.4950, 0.3444



31.0328, 0.1951, 0.3685

Square

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



31.0328, 0.4950, 0.3444



31.0328, 0.3536, 0.5078



31.0328, 0.1592, 0.2706



31.0328, 0.2492, 0.1978

Rectangle

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



31.0328, 0.4950, 0.3444



31.0328, 0.4585, 0.4551



31.0328, 0.1592, 0.2706



31.0328, 0.1737, 0.1939

Sweetspot

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



31.0345, 0.4950, 0.3444



73.8346, 0.3470, 0.3338



32.8546, 0.3340, 0.1992



15.0201, 0.3538, 0.3347



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.



31.0345, 0.4950, 0.3444



28.6188, 0.5508, 0.3443



54.0804, 0.4367, 0.4208



16.7524, 0.3291, 0.3315



10.9187, 0.6320, 0.3364



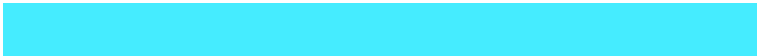
1.0481, 0.6157, 0.3493

Inverse Universe

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



64.3950, 0.2342, 0.3100



68.5546, 0.2253, 0.3057



32.0861, 0.2112, 0.2086



18.4541, 0.2981, 0.3265



31.2975, 0.2158, 0.2969



2.8320, 0.2170, 0.3012

Previews

White Background



This preview shows how the Yxy color 31.0328, 0.4950, 0.3444 looks on a white background.

Color Contrast Check

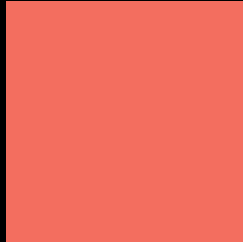
Large Text (above 18pt) WCAG AA × Fail

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 31.0328, 0.4950, 0.3444 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 31.0328, 0.4950, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 31.0328, 0.4950, 0.3444.



This preview shows how white text looks on a background with the Yxy color 31.0328, 0.4950, 0.3444.

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

31.0328, 0.4950, 0.3444

Protanopia

31.0896, 0.3638, 0.3887

Deuteranopia

31.1624, 0.4135, 0.4065



Tritanopia

30.9634, 0.4747, 0.3223

Trichromacy



Original Color

31.0328, 0.4950, 0.3444

Protanomaly

29.8554, 0.4110, 0.3702

Deuteranomaly

30.2370, 0.4446, 0.3807

Tritanomaly

31.0198, 0.4829, 0.3305

Monochromacy



Original Color

31.0328, 0.4950, 0.3444

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.7025, 0.3752, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0328, 0.4950, 0.3444 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(243, 110, 95)` looks like.

```
.text, #text, p{  
    color:rgb(243, 110, 95)  
}
```

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(243, 110, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 110, 95) }
```

Border

The CSS property to change the border of an element to Yxy 31.0328, 0.4950, 0.3444 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(243, 110, 95) }
```

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

```
.border{ border-color:rgb(243, 110, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 110, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 110, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 110, 95);  
box-shadow:4px 4px 4px 4px rgb(243, 110,  
95) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.0328, 0.4950, 0.3444$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 110, 95) }
```

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

```
.background{ background-color: rgb(243,  
110, 95) }
```

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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