

Converting Colors

Yxy(30.9966, 0.4967, 0.3433)

Have a look what the booklet for
Yxy(30.9966, 0.4967, 0.3433)
contains.

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Color

Yxy(30.9966, 0.4967, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	F46D5F
RGB	244, 109, 95
RGB Percent	96%, 43%, 37%
CMY	0.0431, 0.5726, 0.6274
CMYK	0.00, 0.55, 0.61, 0.04
HSL	6°, 87%, 66%
HSV	6°, 61%, 96%
XYZ	44.8471, 30.9966, 14.4464
YIQ	147.7690, 84.9540, 24.2660

Conversions

Conversions Part 2

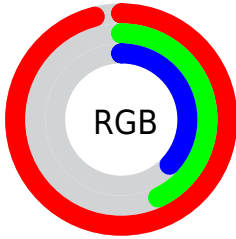
Format	Color
R _Y B	244, 110, 95
Decimal	16018783
CIE Lab	62.50, 50.87, 33.35
CIE LCh	63, 60.828, 33.244
Yxy	30.9966, 0.4967, 0.3433
Android (android.graphics.Color)	4294208863 (0xFFFF46D5F)
YUV	147.7690, -26.0151, 84.3946
Hunter-Lab	55.6746, 46.3551, 23.5877

Details

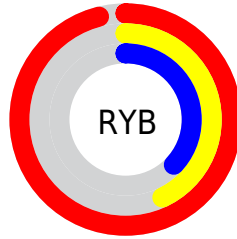
The Yxy color **30.9966, 0.4967, 0.3433** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **65.5750, 0.2344, 0.3114**, and the grayscale version is **29.5970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8862, 0.4167, 0.3482**, and **12.7968, 0.5551, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **26.4834, 0.5425, 0.3434**, and if you desaturate by 10%, it is **36.8384, 0.4529, 0.3419**.

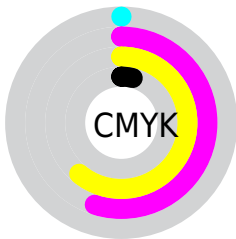
Distribution



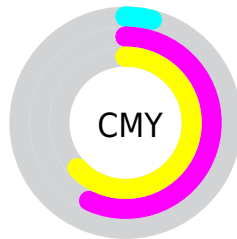
- Red (96%)
- Green (43%)
- Blue (37%)



- Red (96%)
- Yellow (43%)
- Blue (37%)



- Cyan (0%)
- Magenta (55%)
- Yellow (61%)
- Black (4%)




- Cyan (4%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9966, 0.4967, 0.3433 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 30.9966, 0.4967, 0.3433 by changing the saturation by 10% instead.


 30.9966, 0.4967,
0.3433


 30.9966, 0.4967,
0.3433


306.5227, 0.3988,
0.3425

 20.5963, 0.5219,
0.3409


 61.2347, 0.4603,
0.3448


 12.8292, 0.5543,
0.3360


 81.8413, 0.4468,
0.3449

 7.3110, 0.5963,
0.3264


 106.6187, 0.4355,
0.3446

 3.6574, 0.6575,
0.3102

 135.9514, 0.4259,
0.3443

 1.4838, 0.7288,
0.2712

170.2238, 0.4177,
0.3439

 0.2773, 0.8594,
0.1406

209.8201, 0.4106,

 0.0000, 1.0000,

0.3434

0.0000

255.1250, 0.4043,
0.3429


 0.0000, 0.0000,
0.0000


 30.9966, 0.4967,
0.3433


 30.9966, 0.4967,
0.3433


 26.4834, 0.5425,
0.3434

 36.8384, 0.4529,
0.3419


 23.1894, 0.5848,
0.3417


 44.0968, 0.4140,
0.3396


 20.9965, 0.6170,
0.3382

 52.8581, 0.3812,
0.3370

 19.8453, 0.6343,
0.3346

 63.2003, 0.3542,
0.3343

 75.1959, 0.3322,
0.3317

 88.9131, 0.3144,
0.3292

 97.9762, 0.3060,
0.3290

Harmonies

Analogous

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



30.9966, 0.4372, 0.2803



30.9966, 0.4967, 0.3433



30.9966, 0.4932, 0.4108

Triad

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



30.9966, 0.4967, 0.3433



30.9966, 0.2659, 0.4728



30.9966, 0.1852, 0.1890

Complementary

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



30.9966, 0.4967, 0.3433



65.5750, 0.2344, 0.3114

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.



30.9966, 0.1559, 0.2112



30.9966, 0.4967, 0.3433



30.9966, 0.1945, 0.3705

Square

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



30.9966, 0.4967, 0.3433



30.9966, 0.3551, 0.5099



30.9966, 0.1579, 0.2709



30.9966, 0.2473, 0.1962

Rectangle

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



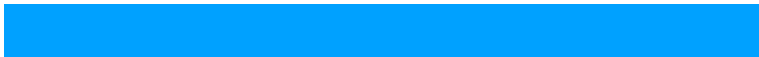
30.9966, 0.4967, 0.3433



30.9966, 0.4607, 0.4552



30.9966, 0.1579, 0.2709



30.9966, 0.1719, 0.1928

Sweetspot

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



30.9983, 0.4967, 0.3433



73.6629, 0.3470, 0.3335



33.2248, 0.3315, 0.1970



14.9791, 0.3539, 0.3343



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.



30.9983, 0.4967, 0.3433



28.3955, 0.5519, 0.3432



53.4890, 0.4390, 0.4186



16.7326, 0.3291, 0.3313



10.8737, 0.6328, 0.3357



1.0387, 0.6174, 0.3480

Inverse Universe

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



65.5750, 0.2344, 0.3114



69.3522, 0.2258, 0.3074



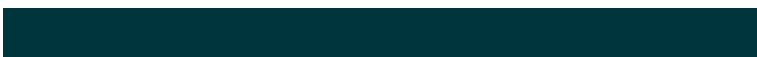
33.1112, 0.2117, 0.2116



18.4762, 0.2981, 0.3267



31.8065, 0.2165, 0.2993



2.8715, 0.2176, 0.3033

Previews

White Background



This preview shows how the Yxy color 30.9966, 0.4967, 0.3433 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 30.9966, 0.4967, 0.3433 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 30.9966, 0.4967, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 30.9966, 0.4967, 0.3433.



This preview shows how white text looks on a background with the Yxy color 30.9966, 0.4967, 0.3433.

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

30.9966, 0.4967, 0.3433

Protanopia

31.0896, 0.3638, 0.3887

Deuteranopia

31.1624, 0.4135, 0.4065



Tritanopia

30.9128, 0.4776, 0.3224

Trichromacy



Original Color

30.9966, 0.4967, 0.3433

Protanomaly

29.8554, 0.4110, 0.3702

Deuteranomaly

30.3797, 0.4457, 0.3804

Tritanomaly

30.9685, 0.4858, 0.3305

Monochromacy



Original Color

30.9966, 0.4967, 0.3433

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 30.9966, 0.4967, 0.3433 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(244, 109, 95)` looks like.

```
.text, #text, p{  
    color:rgb(244, 109, 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(244, 109, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 109, 95) }
```

Border

The CSS property to change the border of an element to Yxy 30.9966, 0.4967, 0.3433 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(244, 109, 95) }
```

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

```
.border{ border-color:rgb(244, 109, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 109, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 109, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 109, 95);  
box-shadow:4px 4px 4px 4px rgb(244, 109,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9966, 0.4967, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 109, 95) }
```

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

```
.background{ background-color: rgb(244,  
109, 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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