

Converting Colors

XYZ(47.4192, 30.4878, 13.6413)

Have a look what the booklet for
XYZ(47.4192, 30.4878, 13.6413)
contains.

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Color

**XYZ(47.3987, 30.4161,
13.7286)**

Conversions

Conversions Part 1

Format	Color
Hex	FF605D
RGB	255, 96, 93
RGB Percent	100%, 38%, 36%
CMY	0.0000, 0.6235, 0.6353
CMYK	0.00, 0.62, 0.64, 0.00
HSL	1°, 100%, 68%
HSV	1°, 64%, 100%
XYZ	47.3987, 30.4161, 13.7286
YIQ	143.1990, 95.7270, 32.7750

Conversions

Conversions Part 2

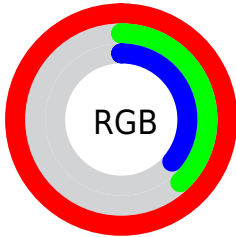
Format	Color
R _Y B	255, 96, 93
Decimal	16736349
CIE Lab	62.01, 60.25, 34.21
CIE LCh	62, 69.283, 29.593
Yxy	30.4161, 0.5178, 0.3323
Android (android.graphics.Color)	4294926429 (0xFFFF605D)
YUV	143.1990, -24.7481, 98.0495
Hunter-Lab	55.1508, 56.8958, 23.8466

Details

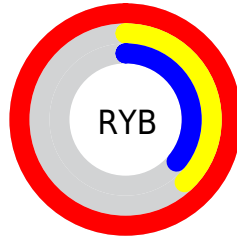
The XYZ color **47.3987, 30.4161, 13.7286** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **57.3715, 79.1617, 106.8632**, and the grayscale version is **26.2583, 27.6258, 30.0845**.

A 20% lighter version of the original color is **57.5892, 46.0256, 31.8352**, and **22.8233, 12.5558, 3.9099** is the 20% darker color. If you saturate the color by 10%, you get **44.5202, 26.1756, 8.0952**, and if you desaturate by 10%, it is **51.3815, 36.2634, 21.5874**.

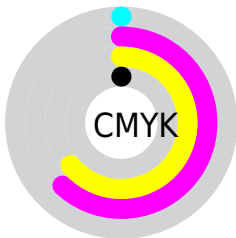
Distribution



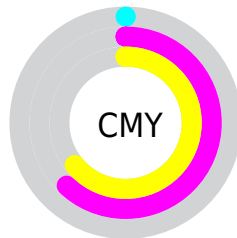
- Red (100%)
- Green (38%)
- Blue (36%)



- Red (100%)
- Yellow (38%)
- Blue (36%)



- Cyan (0%)
- Magenta (62%)
- Yellow (64%)
- Black (0%)





- Cyan (0%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3987, 30.4161, 13.7286 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 XYZ color 47.3987, 30.4161, 13.7286 by changing the saturation by 10% instead.


 47.3987, 30.4161,
13.7286


 47.3987, 30.4161,
13.7286

367.0261,
303.8392, 226.9053

 33.5602, 20.1546,
7.7956


 85.5236, 60.3196,
33.3169


 22.7172, 12.5075,
3.8785

 110.5407, 80.7304,
47.8091

 14.5044, 7.0903,
1.5589


 140.0147,
105.2931, 65.9916

 8.5564, 3.5186,
0.2613

 174.3110,
134.3922, 88.2828

 4.5077, 1.4081,
0.0000

213.7950,
168.4119, 115.1012

 1.9932, 0.2227,
0.0000

258.8319,

 0.6301, 0.0000,

207.7367, 146.8654

0.0000

309.7872,
252.7510, 183.9939

■ 0.0000, 0.0000,
0.0000

■ 47.3987, 30.4161,
13.7286

■ 47.3987, 30.4161,
13.7286

■ 44.5202, 26.1756,
8.0952

■ 51.3815, 36.2634,
21.5874

■ 42.6331, 23.3778,
4.4559

■ 56.5624, 43.8506,
31.8687

■ 41.6040, 21.8326,
2.5314

■ 63.0280, 53.3027,
44.7495

■ 41.2912, 21.3627,
1.9471

■ 70.8561, 64.7319,
60.3900

■ 80.1183, 78.2413,
78.9376

90.8812, 93.9273,
100.5289

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



50.7135, 30.4161, 33.4832



47.3987, 30.4161, 13.7286



38.9303, 30.4161, 5.6846

Triad

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



47.3987, 30.4161, 13.7286



16.0743, 30.4161, 13.3812



28.7827, 30.4161, 115.1810

Complementary

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



47.3987, 30.4161, 13.7286



57.3715, 79.1617, 106.8632

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.



20.7753, 30.4161, 99.7682



47.3987, 30.4161, 13.7286



14.4691, 30.4161, 32.7554

Square

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



47.3987, 30.4161, 13.7286



20.9524, 30.4161, 5.5729



15.9885, 30.4161, 65.3650



38.6626, 30.4161, 100.5292

Rectangle

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



47.3987, 30.4161, 13.7286



32.2593, 30.4161, 3.9772



15.9885, 30.4161, 65.3650



25.8001, 30.4161, 113.2620

Sweetspot

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



47.3994, 30.4178, 13.7291



74.8695, 70.5870, 68.4221



62.7724, 36.1360, 96.0110



15.4753, 14.3063, 13.5444



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.3994, 30.4178, 13.7291



43.9665, 25.3568, 7.0202



58.8786, 53.3761, 17.5555



18.0364, 18.0410, 18.6760



21.5874, 11.1859, 1.0213



2.1110, 1.1073, 0.1025

Inverse Universe

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



57.3715, 79.1617, 106.8632



54.6090, 77.4629, 106.6814



37.1839, 38.7865, 100.1340



18.5242, 20.4201, 23.2151



27.3501, 39.6098, 55.6385



2.6719, 3.8744, 5.4203

Previews

White Background



This preview shows how the XYZ color 47.3987, 30.4161, 13.7286 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 XYZ color 47.3987, 30.4161, 13.7286 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](#).

XYZ 47.3987, 30.4161, 13.7286

Background



This preview shows how black text looks on a background with the XYZ color 47.3987, 30.4161, 13.7286.



This preview shows how white text looks on a background with the XYZ color 47.3987, 30.4161,

13.7286.

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

47.3987, 30.4161, 13.7286

Protanopia

28.4981, 30.5241, 20.6094

Deuteranopia

30.9906, 30.3681, 12.8226



Tritanopia

47.6812, 30.3840, 15.6635

Trichromacy



Original Color

47.3987, 30.4161, 13.7286

Protanomaly

33.1422, 28.6289, 17.6891

Deuteranomaly

35.5168, 29.1816, 12.9932

Tritanomaly

47.5368, 30.3263, 14.9034

Monochromacy



Original Color

47.3987, 30.4161, 13.7286

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

30.9297, 26.5927, 22.9048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3987, 30.4161, 13.7286 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, 96, 93)` looks like.

```
.text, #text, p{  
  color:rgb(255, 96, 93)  
}
```

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, 96, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 93) }
```

Border

The CSS property to change the border of an element to XYZ 47.3987, 30.4161, 13.7286 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, 96, 93) }
```


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

```
.border{ border-color:rgb(255, 96, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 96, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3987, 30.4161, 13.7286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 93) }
```

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

```
.background{ background-color: rgb(255, 96,  
93) }
```

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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