

Converting Colors

XYZ(55.7387, 34.8321, 13.6081)

Have a look what the booklet for
XYZ(55.7387, 34.8321, 13.6081)
contains.

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Color

**XYZ(47.4030, 30.5647,
13.2987)**

Conversions

Conversions Part 1

Format	Color
Hex	FF615B
RGB	255, 97, 91
RGB Percent	100%, 38%, 36%
CMY	0.0000, 0.6196, 0.6431
CMYK	0.00, 0.62, 0.64, 0.00
HSL	2°, 100%, 68%
HSV	2°, 64%, 100%
XYZ	47.4030, 30.5647, 13.2987
YIQ	143.5580, 96.0940, 31.6300

Conversions

Conversions Part 2

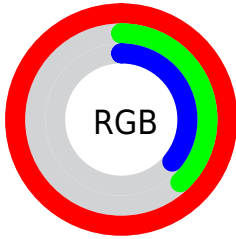
Format	Color
R _Y B	255, 97, 91
Decimal	16736603
CIE Lab	62.14, 59.71, 35.49
CIE LCh	62, 69.462, 30.726
Yxy	30.5647, 0.5194, 0.3349
Android (android.graphics.Color)	4294926683 (0xFFFF615B)
YUV	143.5580, -25.9111, 97.7346
Hunter-Lab	55.2854, 56.3009, 24.4377

Details

The XYZ color **47.4030, 30.5647, 13.2987** 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 **56.2371, 77.1896, 106.5422**, and the grayscale version is **26.4066, 27.7818, 30.2544**.

A 20% lighter version of the original color is **57.4390, 45.9656, 31.0442**, and **22.8428, 12.6577, 3.7219** is the 20% darker color. If you saturate the color by 10%, you get **44.5546, 26.3397, 7.8132**, and if you desaturate by 10%, it is **51.3289, 36.3475, 20.9866**.

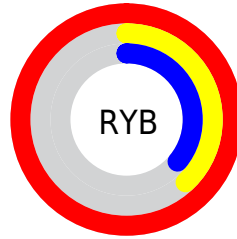
Distribution



Red (100%)

Green (38%)

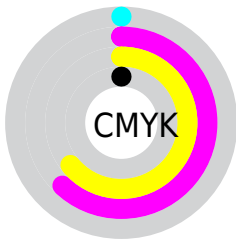
Blue (36%)



Red (100%)

Yellow (38%)

Blue (36%)

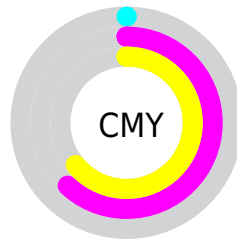


Cyan (0%)

Magenta (62%)

Yellow (64%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4030, 30.5647, 13.2987 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 47.4030, 30.5647, 13.2987 by changing the saturation by 10% instead.


 47.4030, 30.5647,
13.2987


 47.4030, 30.5647,
13.2987

367.0430,
304.5279, 224.0979

 33.5636, 20.2676,
7.5014


 85.5300, 60.5541,
32.5384


 22.7199, 12.5897,
3.6944

 110.5482, 81.0152,
46.8179

 14.5064, 7.1466,
1.4593


 140.0236,
105.6330, 64.7619

 8.5577, 3.5540,
0.1873

 174.3213,
134.7920, 86.7889

 4.5086, 1.4273,
0.0000

213.8067,
168.8767, 113.3174

 1.9937, 0.2367,
0.0000

258.8452,

 0.6304, 0.0000,

208.2712, 144.7661

0.0000

309.8022,
253.3602, 181.5534

■ 0.0000, 0.0000,
0.0000

■ 47.4030, 30.5647,
13.2987

■ 47.4030, 30.5647,
13.2987

■ 44.5546, 26.3397,
7.8132

■ 51.3289, 36.3475,
20.9866

■ 42.6748, 23.5171,
4.2976

■ 56.4229, 43.8142,
31.0747

■ 41.6351, 21.9183,
2.4698

■ 62.7688, 53.0836,
43.7403

■ 41.3412, 21.4627,
1.9638

■ 70.4416, 64.2625,
59.1437

■ 79.5109, 77.4494,
77.4322

90.0412, 92.7360,
98.7425

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



50.9848, 30.5647, 32.6316



47.4030, 30.5647, 13.2987



38.7561, 30.5647, 5.5444

Triad

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



47.4030, 30.5647, 13.2987



16.0235, 30.5647, 13.9212



29.2792, 30.5647, 115.8502

Complementary

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



47.4030, 30.5647, 13.2987



56.2371, 77.1896, 106.5422

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.



21.1183, 30.5647, 101.4056



47.4030, 30.5647, 13.2987



14.5296, 30.5647, 33.9364

Square

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



47.4030, 30.5647, 13.2987



20.8009, 30.5647, 5.7443



16.1772, 30.5647, 67.1184



39.2362, 30.5647, 100.0405

Rectangle

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



47.4030, 30.5647, 13.2987



32.0448, 30.5647, 3.9427



16.1772, 30.5647, 67.1184



26.2494, 30.5647, 114.3210

Sweetspot

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



47.4037, 30.5664, 13.2992



75.0828, 71.0135, 68.4931



62.1630, 35.6150, 93.6568



15.5254, 14.4067, 13.5611



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.



47.4037, 30.5664, 13.2992



43.9595, 25.4504, 6.6857



59.1415, 54.0421, 17.2118



18.0627, 18.0936, 18.6847



21.6248, 11.2609, 1.0338



2.1235, 1.1323, 0.1066

Inverse Universe

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



56.2371, 77.1896, 106.5422



53.3406, 75.1545, 106.3027



36.2810, 37.2775, 99.8902



18.4945, 20.3605, 23.2052



26.6224, 38.1545, 55.3960



2.6093, 3.7492, 5.3994

Previews

White Background



This preview shows how the XYZ color 47.4030, 30.5647, 13.2987 looks on a white background.

Color Contrast Check

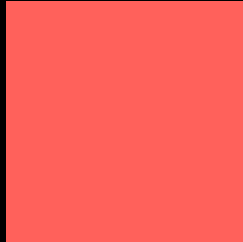
Large Text (above 18pt) WCAG AA × Fail

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 47.4030, 30.5647, 13.2987 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 47.4030, 30.5647, 13.2987

Background



This preview shows how black text looks on a background with the XYZ color 47.4030, 30.5647, 13.2987.



This preview shows how white text looks on a background with the XYZ color 47.4030, 30.5647,

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

47.4030, 30.5647, 13.2987

Protanopia

28.5289, 30.5596, 19.7242

Deuteranopia

31.3018, 30.7614, 12.4714



Tritanopia

47.8211, 30.5851, 15.9534

Trichromacy



Original Color

47.4030, 30.5647, 13.2987

Protanomaly

33.1207, 28.8342, 16.9166

Deuteranomaly

35.8474, 29.5523, 12.6189

Tritanomaly

47.6275, 30.5076, 14.9336

Monochromacy



Original Color

47.4030, 30.5647, 13.2987

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

31.0582, 26.8498, 22.9476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4030, 30.5647, 13.2987 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, 97, 91)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 91)  
}
```

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, 97, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 91) }
```

Border

The CSS property to change the border of an element to XYZ 47.4030, 30.5647, 13.2987 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, 97, 91) }
```


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

```
.border{ border-color:rgb(255, 97, 91) }
```

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

Here you see how a box with a 4 pixel rgb(255, 97, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 91);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4030, 30.5647, 13.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 91) }
```

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

```
.background{ background-color: rgb(255, 97,  
91) }
```

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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