

Converting Colors

XYZ(47.5472, 30.3235, 14.9795)

Have a look what the booklet for
XYZ(47.5472, 30.3235, 14.9795)
contains.

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Color

**XYZ(47.5368, 30.3263,
14.9034)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5F62
RGB	255, 95, 98
RGB Percent	100%, 37%, 38%
CMY	0.0000, 0.6274, 0.6157
CMYK	0.00, 0.63, 0.62, 0.00
HSL	359°, 100%, 69%
HSV	359°, 63%, 100%
XYZ	47.5368, 30.3263, 14.9034
YIQ	143.1820, 94.3970, 34.8530

Conversions

Conversions Part 2

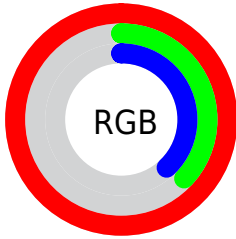
Format	Color
R _Y B	255, 95, 98
Decimal	16736098
CIE Lab	61.93, 60.96, 31.30
CIE LCh	62, 68.527, 27.177
Yxy	30.3263, 0.5124, 0.3269
Android (android.graphics.Color)	4294926178 (0xFFFF5F62)
YUV	143.1820, -22.2747, 98.0644
Hunter-Lab	55.0693, 57.7130, 22.5029

Details

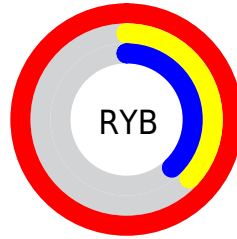
The XYZ color **47.5368, 30.3263, 14.9034** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **58.0522, 80.9818, 104.6741**, and the grayscale version is **26.2424, 27.6090, 30.0662**.

A 20% lighter version of the original color is **57.8931, 45.8864, 34.2394**, and **22.8523, 12.4785, 4.3361** is the 20% darker color. If you saturate the color by 10%, you get **44.6012, 26.0599, 8.9788**, and if you desaturate by 10%, it is **51.5944, 36.2466, 23.0238**.

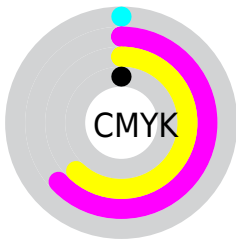
Distribution



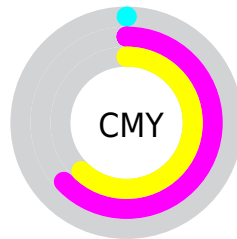
- Red (100%)
- Green (37%)
- Blue (38%)



- Red (100%)
- Yellow (37%)
- Blue (38%)



- Cyan (0%)
- Magenta (63%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5368, 30.3263, 14.9034 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 47.5368, 30.3263, 14.9034 by changing the saturation by 10% instead.


 47.5368, 30.3263,
14.9034


 47.5368, 30.3263,
14.9034


367.5664,
303.4225, 234.4014

 33.6699, 20.0864,
8.6057

 85.7282, 60.1778,
35.4235

 22.8018, 12.4579,
4.3917


 110.7835, 80.5582,
50.4831

 14.5671, 7.0563,
1.8426


 140.2989,
105.0876, 69.3004

 8.6005, 3.4973,
0.4558

 174.6399,
134.1503, 92.2939

 4.5365, 1.3966,
0.0000

214.1718,
168.1307, 119.8822

 2.0099, 0.2142,
0.0000

259.2600,

 0.6395, 0.0000,

207.4133, 152.4839

0.0000

310.2697,
252.3824, 190.5174

■ 0.0000, 0.0000,
0.0000

■ 47.5368, 30.3263,
14.9034

■ 47.5368, 30.3263,
14.9034

■ 44.6012, 26.0599,
8.9788

■ 51.5944, 36.2466,
23.0238

■ 42.6734, 23.2750,
5.0348

■ 56.8692, 43.9604,
33.5246

■ 41.6184, 21.7708,
2.8156

■ 63.4489, 53.5987,
46.5725

■ 41.2658, 21.2703,
2.0675

■ 71.4122, 65.2785,
62.3192

■ 80.8318, 79.1078,
80.9040

91.7753, 95.1868,
102.4572

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.



50.2763, 30.3263, 35.5715



47.5368, 30.3263, 14.9034



39.4822, 30.3263, 6.1614

Triad

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



47.5368, 30.3263, 14.9034



16.3965, 30.3263, 12.5086



27.9641, 30.3263, 113.5439

Complementary

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



47.5368, 30.3263, 14.9034



58.0522, 80.9818, 104.6741

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.



20.2808, 30.3263, 96.2674



47.5368, 30.3263, 14.9034



14.5516, 30.3263, 30.5938

Square

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



47.5368, 30.3263, 14.9034



21.4948, 30.3263, 5.3841



15.8072, 30.3263, 61.8863



37.6550, 30.3263, 101.4354

Rectangle

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



47.5368, 30.3263, 14.9034



32.9192, 30.3263, 4.1956



15.8072, 30.3263, 61.8863



25.0837, 30.3263, 110.8349

Sweetspot

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



47.5375, 30.3280, 14.9039



74.7622, 70.1952, 68.9326



61.4479, 35.6686, 98.2532



15.4500, 14.2142, 13.6644



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.



47.5375, 30.3280, 14.9039



44.0822, 25.3078, 7.9229



57.6190, 50.7128, 17.5807



18.0232, 17.9926, 18.7391



21.5684, 11.1166, 1.1116



2.1047, 1.0842, 0.1326

Inverse Universe

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



47.5375, 30.3280, 14.9039



44.0822, 25.3078, 7.9229



39.1598, 42.4325, 100.7335



18.0232, 17.9926, 18.7391



21.5684, 11.1166, 1.1116



2.1047, 1.0842, 0.1326

Previews

White Background



This preview shows how the XYZ color 47.5368, 30.3263, 14.9034 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 47.5368, 30.3263, 14.9034 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 47.5368, 30.3263, 14.9034

Background



This preview shows how black text looks on a background with the XYZ color 47.5368, 30.3263, 14.9034.



This preview shows how white text looks on a background with the XYZ color 47.5368, 30.3263,

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

47.5368, 30.3263, 14.9034

Protanopia

28.6556, 30.5641, 22.4783

Deuteranopia

30.9593, 30.3282, 13.8951



Tritanopia

47.6325, 30.3645, 15.4070

Trichromacy



Original Color

47.5368, 30.3263, 14.9034

Protanomaly

33.2114, 28.6269, 19.3979

Deuteranomaly

35.7311, 29.2673, 14.1218

Tritanomaly

47.5843, 30.3453, 15.1536

Monochromacy



Original Color

47.5368, 30.3263, 14.9034

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

31.0588, 26.6444, 23.5846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5368, 30.3263, 14.9034 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, 95, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 98)  
}
```

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, 95, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 98) }
```

Border

The CSS property to change the border of an element to XYZ 47.5368, 30.3263, 14.9034 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, 95, 98) }
```


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

```
.border{ border-color:rgb(255, 95, 98) }
```

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

Here you see how a box with a 4 pixel rgb(255, 95, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5368, 30.3263, 14.9034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 98) }
```

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

```
.background{ background-color: rgb(255, 95,  
98) }
```

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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