

Converting Colors

XYZ(47.6732, 30.8216, 14.2630)

Have a look what the booklet for
XYZ(47.6732, 30.8216, 14.2630)
contains.

XYZ(47.6732, 30.8216, 14.2630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.6732, 30.8216,
14.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	FF625F
RGB	255, 98, 95
RGB Percent	100%, 38%, 37%
CMY	0.0000, 0.6156, 0.6274
CMYK	0.00, 0.62, 0.63, 0.00
HSL	1°, 100%, 69%
HSV	1°, 63%, 100%
XYZ	47.6732, 30.8216, 14.2630
YIQ	144.6010, 94.5350, 32.3510

Conversions

Conversions Part 2

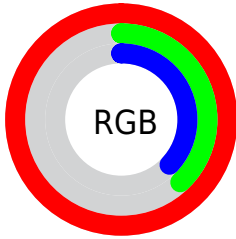
Format	Color
R _Y B	255, 98, 95
Decimal	16736863
CIE Lab	62.36, 59.52, 33.52
CIE LCh	62, 68.314, 29.389
Yxy	30.8216, 0.5140, 0.3323
Android (android.graphics.Color)	4294926943 (0xFFFF625F)
YUV	144.6010, -24.4533, 96.8199
Hunter-Lab	55.5172, 56.1247, 23.6298

Details

The XYZ color **47.6732, 30.8216, 14.2630** 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 **57.5766, 79.2675, 106.8726**, and the grayscale version is **26.8223, 28.2192, 30.7307**.

A 20% lighter version of the original color is **57.9839, 46.4465, 33.1031**, and **22.9542, 12.7514, 4.1572** is the 20% darker color. If you saturate the color by 10%, you get **44.7114, 26.4595, 8.4628**, and if you desaturate by 10%, it is **51.7471, 36.8016, 22.3051**.

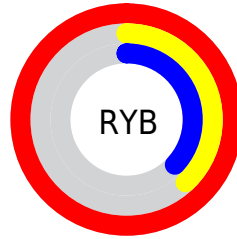
Distribution



Red (100%)

Green (38%)

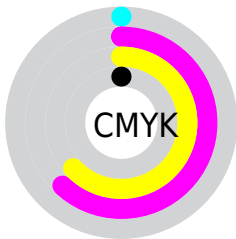
Blue (37%)



Red (100%)

Yellow (38%)

Blue (37%)

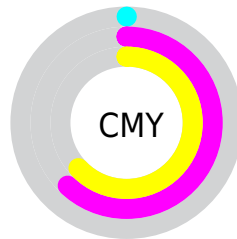


Cyan (0%)

Magenta (62%)

Yellow (63%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6732, 30.8216, 14.2630 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 47.6732, 30.8216, 14.2630 by changing the saturation by 10% instead.


 47.6732, 30.8216,
14.2630


 47.6732, 30.8216,
14.2630

368.0995,
305.7156, 230.3459


 33.7783, 20.4630,
8.1630


 85.9303, 60.9591,
34.2788

 22.8854, 12.7321,
4.1101


 111.0232, 81.5068,
49.0316

 14.6292, 7.2443,
1.6860


 140.5795,
106.2197, 67.5058

 8.6442, 3.6154,
0.3511

 174.9646,
135.4822, 90.1199

 4.5651, 1.4608,
0.0000

214.5438,
169.6786, 117.2924

 2.0265, 0.2609,
0.0000

259.6824,

 0.6488, 0.0000,

209.1934, 149.4419

0.0000

310.7459,
254.4109, 186.9869

■ 0.0000, 0.0000,
0.0000

■ 47.6732, 30.8216,
14.2630

■ 47.6732, 30.8216,
14.2630

■ 44.7114, 26.4595,
8.4628

■ 51.7471, 36.8016,
22.3051

■ 42.7500, 23.5531,
4.6760

■ 57.0259, 44.5309,
32.7842

■ 41.6584, 21.9159,
2.6286

■ 63.5954, 54.1337,
45.8758

■ 41.2918, 21.3640,
1.9473

■ 71.5328, 65.7211,
61.7390

■ 80.9093, 79.3958,
80.5201

91.7911, 95.2533,
102.3551

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



50.9074, 30.8216, 34.1049



47.6732, 30.8216, 14.2630



39.3108, 30.8216, 6.0466

Triad

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



47.6732, 30.8216, 14.2630



16.5048, 30.8216, 13.7384



29.1060, 30.8216, 114.5437

Complementary

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



47.6732, 30.8216, 14.2630



57.5766, 79.2675, 106.8726

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.



21.1437, 30.8216, 99.2083



47.6732, 30.8216, 14.2630



14.8727, 30.8216, 33.0199

Square

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



47.6732, 30.8216, 14.2630



21.4088, 30.8216, 5.8752



16.3759, 30.8216, 65.2551



38.9130, 30.8216, 100.3300

Rectangle

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



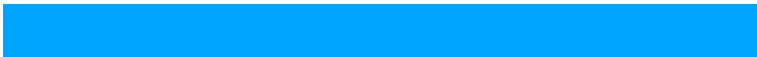
47.6732, 30.8216, 14.2630



32.6916, 30.8216, 4.2705



16.3759, 30.8216, 65.2551



26.1422, 30.8216, 112.5882

Sweetspot

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



47.6739, 30.8233, 14.2635



74.8723, 70.5925, 68.4230



62.9554, 36.4938, 96.0979



15.4759, 14.3076, 13.5446



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.



47.6739, 30.8233, 14.2635



44.1862, 25.6830, 7.4417



59.1595, 53.7944, 18.0920



18.0368, 18.0417, 18.6761



21.5878, 11.1869, 1.0215



2.1111, 1.1077, 0.1025

Inverse Universe

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



57.5766, 79.2675, 106.8726



54.7714, 77.5481, 106.6893



37.5854, 39.2850, 100.2089



18.5239, 20.4193, 23.2150



27.3407, 39.5910, 55.6354



2.6711, 3.8728, 5.4200

Previews

White Background



This preview shows how the XYZ color 47.6732, 30.8216, 14.2630 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 47.6732, 30.8216, 14.2630 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 47.6732, 30.8216, 14.2630

Background



This preview shows how black text looks on a background with the XYZ color 47.6732, 30.8216, 14.2630.



This preview shows how white text looks on a background with the XYZ color 47.6732, 30.8216,

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

47.6732, 30.8216, 14.2630

Protanopia

28.9754, 30.9946, 21.2850

Deuteranopia

31.4607, 30.8250, 13.3085



Tritanopia

47.9629, 30.7887, 16.2468

Trichromacy



Original Color

47.6732, 30.8216, 14.2630

Protanomaly

33.5173, 29.2088, 18.3393

Deuteranomaly

36.0132, 29.6186, 13.4917

Tritanomaly

47.8149, 30.7295, 15.4678

Monochromacy



Original Color

47.6732, 30.8216, 14.2630

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

31.5575, 27.2849, 23.6819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6732, 30.8216, 14.2630 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, 98, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 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(255, 98, 95) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 47.6732, 30.8216, 14.2630 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, 98, 95) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 47.6732, 30.8216, 14.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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