

Converting Colors

XYZ(47.2463, 29.7872, 14.6770)

Have a look what the booklet for
XYZ(47.2463, 29.7872, 14.6770)
contains.

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Color

**XYZ(47.2248, 29.7774,
14.5678)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5C61
RGB	255, 92, 97
RGB Percent	100%, 36%, 38%
CMY	0.0000, 0.6392, 0.6196
CMYK	0.00, 0.64, 0.62, 0.00
HSL	358°, 100%, 68%
HSV	358°, 64%, 100%
XYZ	47.2248, 29.7774, 14.5678
YIQ	141.3070, 95.5430, 36.1110

Conversions

Conversions Part 2

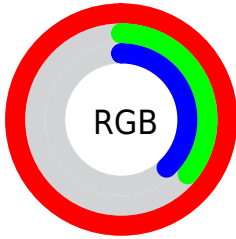
Format	Color
R_{YB}	255, 92, 97
Decimal	16735329
CIE Lab	61.46, 62.13, 31.26
CIE LCh	61, 69.553, 26.711
Yxy	29.7774, 0.5157, 0.3252
Android (android.graphics.Color)	4294925409 (0xFFFF5C61)
YUV	141.3070, -21.8434, 99.7088
Hunter-Lab	54.5687, 58.9822, 22.3699

Details

The XYZ color **47.2248, 29.7774, 14.5678** 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 **57.4313, 80.6981, 102.9996**, and the grayscale version is **25.4963, 26.8240, 29.2114**.

A 20% lighter version of the original color is **57.3327, 44.8930, 33.6604**, and **22.7277, 12.2293, 4.2946** is the 20% darker color. If you saturate the color by 10%, you get **44.3968, 25.6878, 8.7974**, and if you desaturate by 10%, it is **51.1562, 35.5000, 22.4774**.

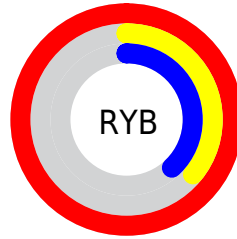
Distribution



Red (100%)

Green (36%)

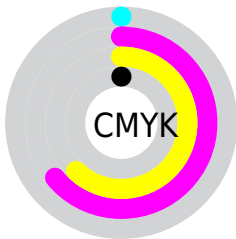
Blue (38%)



Red (100%)

Yellow (36%)

Blue (38%)

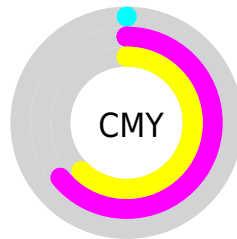


Cyan (0%)

Magenta (64%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2248, 29.7774, 14.5678 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 47.2248, 29.7774, 14.5678 by changing the saturation by 10% instead.


 47.2248, 29.7774,
14.5678


 47.2248, 29.7774,
14.5678


366.3451,
300.8655, 232.2851

 33.4221, 19.6697,
8.3734

 85.2658, 59.3100,
34.8247


 22.6108, 12.1552,
4.2436


 110.2348, 79.5036,
49.7242

 14.4255, 6.8494,
1.7599


 139.6566,
103.8280, 68.3626

 8.5009, 3.3681,
0.4013

 173.8965,
132.6676, 91.1582

 4.4716, 1.3268,
0.0000

213.3200,
166.4068, 118.5298

 1.9722, 0.1618,
0.0000

258.2923,

 0.6183, 0.0000,

205.4299, 150.8957

0.0000

309.1789,
250.1213, 188.6747

■ 0.0000, 0.0000,
0.0000

■ 47.2248, 29.7774,
14.5678

■ 47.2248, 29.7774,
14.5678

■ 44.3968, 25.6878,
8.7974

■ 51.1562, 35.5000,
22.4774

■ 42.5576, 23.0563,
4.9564

■ 56.2863, 42.9970,
32.7062

■ 41.5710, 21.6774,
2.7955

■ 62.7026, 52.4003,
45.4167

■ 41.2825, 21.2770,
2.1552

■ 70.4837, 63.8280,
60.7567

■ 79.7021, 77.3886,
78.8621

90.4250, 93.1828,
99.8596

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.



49.8876, 29.7774, 35.4169



47.2248, 29.7774, 14.5678



39.1628, 29.7774, 5.8377

Triad

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



47.2248, 29.7774, 14.5678



15.9427, 29.7774, 11.8096



27.2997, 29.7774, 113.8441

Complementary

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



47.2248, 29.7774, 14.5678



57.4313, 80.6981, 102.9996

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.



19.6622, 29.7774, 95.8731



47.2248, 29.7774, 14.5678



14.0622, 29.7774, 29.6019

Square

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



47.2248, 29.7774, 14.5678



21.0736, 29.7774, 4.9591



15.2604, 29.7774, 60.9367



37.0203, 29.7774, 101.9867

Rectangle

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



47.2248, 29.7774, 14.5678



32.5661, 29.7774, 3.8889



15.2604, 29.7774, 60.9367



24.4283, 29.7774, 110.9285

Sweetspot

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



47.2255, 29.7791, 14.5683



74.8332, 70.2236, 69.3064



61.1471, 35.1201, 98.1632



15.4667, 14.2209, 13.7524



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.



47.2255, 29.7791, 14.5683



43.7304, 24.7298, 7.4182



57.1879, 50.0646, 16.7770



18.0319, 17.9961, 18.7852



21.5809, 11.1216, 1.1774



2.1088, 1.0859, 0.1545

Inverse Universe

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



47.2255, 29.7791, 14.5683



43.7304, 24.7298, 7.4182



38.5723, 41.7111, 100.6252



18.0319, 17.9961, 18.7852



21.5809, 11.1216, 1.1774



2.1088, 1.0859, 0.1545

Previews

White Background



This preview shows how the XYZ color 47.2248, 29.7774, 14.5678 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2248, 29.7774, 14.5678 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2248, 29.7774, 14.5678

Background



This preview shows how black text looks on a background with the XYZ color 47.2248, 29.7774, 14.5678.



This preview shows how white text looks on a background with the XYZ color 47.2248, 29.7774,

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

47.2248, 29.7774, 14.5678

Protanopia

28.1416, 29.8294, 22.3636

Deuteranopia

30.2986, 29.7706, 13.6006



Tritanopia

47.2248, 29.7774, 14.5678

Trichromacy



Original Color

47.2248, 29.7774, 14.5678

Protanomaly

32.6361, 27.9457, 19.0032

Deuteranomaly

34.8715, 28.4534, 13.7793

Tritanomaly

47.2248, 29.7774, 14.5678

Monochromacy



Original Color

47.2248, 29.7774, 14.5678

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

30.0760, 25.5917, 22.7565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2248, 29.7774, 14.5678 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, 92, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 97)  
}
```

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, 92, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 97) }
```

Border

The CSS property to change the border of an element to XYZ 47.2248, 29.7774, 14.5678 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, 92, 97) }
```


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

```
.border{ border-color:rgb(255, 92, 97) }
```

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

Here you see how a box with a 4 pixel rgb(255, 92, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2248, 29.7774, 14.5678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 97) }
```

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

```
.background{ background-color: rgb(255, 92,  
97) }
```

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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