

Converting Colors

XYZ(47.4100, 30.2772, 14.2306)

Have a look what the booklet for
XYZ(47.4100, 30.2772, 14.2306)
contains.

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Color

**XYZ(47.3978, 30.2706,
14.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5F5F
RGB	255, 95, 95
RGB Percent	100%, 37%, 37%
CMY	0.0000, 0.6274, 0.6274
CMYK	0.00, 0.63, 0.63, 0.00
HSL	0°, 100%, 69%
HSV	0°, 63%, 100%
XYZ	47.3978, 30.2706, 14.1712
YIQ	142.8400, 95.3600, 33.9200

Conversions

Conversions Part 2

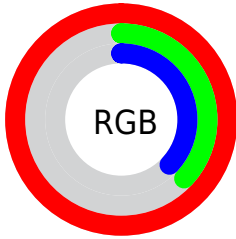
Format	Color
R _Y B	255, 95, 95
Decimal	16736095
CIE Lab	61.89, 60.78, 32.93
CIE LCh	62, 69.129, 28.450
Yxy	30.2706, 0.5161, 0.3296
Android (android.graphics.Color)	4294926175 (0xFFFF5F5F)
YUV	142.8400, -23.5851, 98.3643
Hunter-Lab	55.0187, 57.4923, 23.2418

Details

The XYZ color **47.3978, 30.2706, 14.1712** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **58.5265, 81.1672, 107.1895**, and the grayscale version is **26.1103, 27.4701, 29.9150**.

A 20% lighter version of the original color is **57.6565, 45.7918, 32.9940**, and **22.8091, 12.4612, 4.1088** is the 20% darker color. If you saturate the color by 10%, you get **44.4893, 26.0152, 8.3887**, and if you desaturate by 10%, it is **51.4383, 36.1837, 22.2022**.

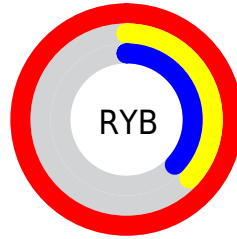
Distribution



Red (100%)

Green (37%)

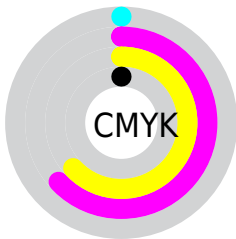
Blue (37%)



Red (100%)

Yellow (37%)

Blue (37%)

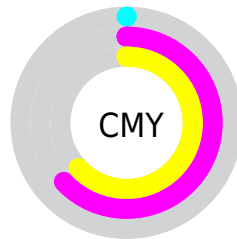


Cyan (0%)

Magenta (63%)

Yellow (63%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3978, 30.2706, 14.1712 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 47.3978, 30.2706, 14.1712 by changing the saturation by 10% instead.


 47.3978, 30.2706,
14.1712


 47.3978, 30.2706,
14.1712


367.0226,
303.1637, 229.7586

 33.5595, 20.0441,
8.0997


 85.5222, 60.0899,
34.1140


 22.7167, 12.4271,
4.0701


 110.5391, 80.4514,
48.8224

 14.5040, 7.0352,
1.6639


 140.0129,
104.9600, 67.2468

 8.5561, 3.4841,
0.3358

 174.3089,
134.0001, 89.8058

 4.5075, 1.3894,
0.0000

213.7925,
167.9562, 116.9180

 1.9931, 0.2089,
0.0000

258.8291,

 0.6301, 0.0000,

207.2126, 149.0018

0.0000

309.7840,
252.1536, 186.4758

■ 0.0000, 0.0000,
0.0000

■ 47.3978, 30.2706,
14.1712

■ 47.3978, 30.2706,
14.1712

■ 44.4893, 26.0152,
8.3887

■ 51.4383, 36.1837,
22.2022

■ 42.5956, 23.2441,
4.6245

■ 56.7082, 43.8951,
32.6783

■ 41.5779, 21.7547,
2.6017

■ 63.2969, 53.5365,
45.7764

■ 41.2400, 21.2602,
1.9300

■ 71.2851, 65.2255,
61.6565

■ 80.7469, 79.0707,
80.4661

91.7510, 95.1728,
102.3420

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.



50.4459, 30.2706, 34.3553



47.3978, 30.2706, 14.1712



39.1088, 30.2706, 5.8289

Triad

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



47.3978, 30.2706, 14.1712



16.1276, 30.2706, 12.8560



28.2933, 30.2706, 114.5167

Complementary

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



47.3978, 30.2706, 14.1712



58.5265, 81.1672, 107.1895

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.



20.4377, 30.2706, 98.1483



47.3978, 30.2706, 14.1712



14.4108, 30.2706, 31.6021

Square

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



47.3978, 30.2706, 14.1712



21.1077, 30.2706, 5.4059



15.8030, 30.2706, 63.6416



38.0961, 30.2706, 101.0251

Rectangle

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



47.3978, 30.2706, 14.1712



32.4785, 30.2706, 4.0132



15.8030, 30.2706, 63.6416



25.3575, 30.2706, 112.2108

Sweetspot

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



47.3985, 30.2723, 14.1717



74.6521, 70.1522, 68.3496



63.3821, 36.6645, 98.3437



15.4242, 14.2041, 13.5274



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.



47.3985, 30.2723, 14.1717



43.9782, 25.2671, 7.3724



58.6355, 52.7462, 17.9173



18.0095, 17.9873, 18.6670



21.5489, 11.1090, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



58.5265, 81.1672, 107.1895



55.9049, 79.8151, 107.0671



38.0994, 40.3130, 100.3805



18.5549, 20.4813, 23.2253



28.1147, 41.1389, 55.8934



2.7375, 4.0056, 5.4422

Previews

White Background



This preview shows how the XYZ color 47.3978, 30.2706, 14.1712 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 47.3978, 30.2706, 14.1712 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 47.3978, 30.2706, 14.1712

Background



This preview shows how black text looks on a background with the XYZ color 47.3978, 30.2706, 14.1712.



This preview shows how white text looks on a background with the XYZ color 47.3978, 30.2706,

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

47.3978, 30.2706, 14.1712

Protanopia

28.6144, 30.5706, 21.2222

Deuteranopia

30.8342, 30.2781, 13.2360



Tritanopia

47.5430, 30.1855, 15.3772

Trichromacy



Original Color

47.3978, 30.2706, 14.1712

Protanomaly

33.2486, 28.6715, 18.2498

Deuteranomaly

35.6008, 29.2152, 13.4356

Tritanomaly

47.4473, 30.1472, 14.8735

Monochromacy



Original Color

47.3978, 30.2706, 14.1712

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

30.9939, 26.6184, 23.2430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3978, 30.2706, 14.1712 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, 95)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 47.3978, 30.2706, 14.1712 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, 95) }
```


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

```
.border{ border-color:rgb(255, 95, 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, 95, 95) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 47.3978, 30.2706, 14.1712 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, 95) }
```

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

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