

Converting Colors

YUV(146.7470, -22.5533,
94.0609)

Have a look what the booklet for
YUV(146.7470, -22.5533, 94.0609)
contains.

YUV(146.7470, -22.5533, 94.0609)	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

**YUV(146.7470, -22.5533,
94.0609)**

Conversions

Conversions Part 1

Format	Color
Hex	FE6565
RGB	254, 101, 101
RGB Percent	100%, 40%, 40%
CMY	0.0039, 0.6039, 0.6039
CMYK	0.00, 0.60, 0.60, 0.00
HSL	0°, 99%, 70%
HSV	0°, 60%, 100%
XYZ	47.8757, 31.3178, 15.8335
YIQ	146.7470, 91.1880, 32.4360

Conversions

Conversions Part 2

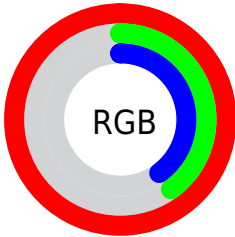
Format	Color
R_{YB}	254, 101, 101
Decimal	16672101
CIE Lab	62.77, 58.28, 30.65
CIE LCh	63, 65.847, 27.737
Yxy	31.3178, 0.5038, 0.3296
Android (android.graphics.Color)	4294862181 (0xFFFE6565)
YUV	146.7470, -22.5533, 94.0609
Hunter-Lab	55.9623, 54.7726, 22.3986

Details

The YUV color **146.7470, -22.5533, 94.0609** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **208.2530, 22.5533, -94.0609**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7320, -16.6299, 60.7480**, and **87.9190, -16.7221, 90.4020** is the 20% darker color. If you saturate the color by 10%, you get **129.2220, -26.2384, 109.4303**, and if you desaturate by 10%, it is **164.2720, -18.8681, 78.6915**.

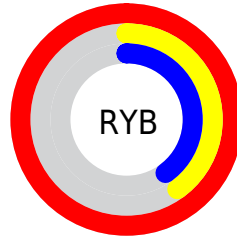
Distribution



Red (100%)

Green (40%)

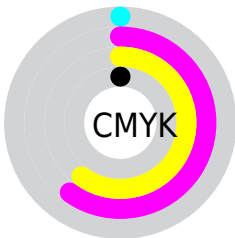
Blue (40%)



Red (100%)

Yellow (40%)

Blue (40%)

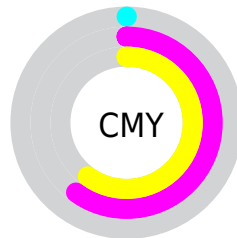


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.7470, -22.5533, 94.0609 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 YUV color 146.7470, -22.5533, 94.0609 by changing the saturation by 10% instead.

■ 146.7470,
-22.5533, 94.0609

■ 146.7470,
-22.5533, 94.0609

255.0000, 0.0000,
0.0000

■ 118.0070,
-20.2165, 91.2019

■ 185.7320,
-16.6299, 60.7480

■ 87.9190, -16.7221,
90.4020

■ 205.8330,
-13.2287, 43.1195

■ 51.6020, -9.1708,
95.0650

■ 225.9340, -9.8275,
25.4909

■ 40.2380, -13.9213,
78.7213

■ 246.2630, -5.5527,
7.6623

■ 29.6010, -14.5933,
60.8629

■ 21.1580, -9.4449,
42.8344

■ 12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,
0.0000

■ 146.7470,
-22.5533, 94.0609

■ 146.7470,
-22.5533, 94.0609

■ 129.2220,
-26.2384, 109.4303

■ 164.2720,
-18.8681, 78.6915

■ 110.9960,
-30.0710, 125.4145

■ 182.4980,
-15.0355, 62.7073

■ 93.4710, -33.7562,
140.7839

■ 200.0230,
-11.3503, 47.3378

■ 75.9460, -37.4414,
156.1534

■ 218.2490, -7.5178,
31.3536

■ 235.7740, -3.8326,
15.9842

253.2990, -0.1474,
0.6148

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



148.9510, 4.9542, 91.2510



146.7470, -22.5533, 94.0609



146.9590, -47.8008, 71.9500

Triad

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



146.7470, -22.5533, 94.0609



120.9120, -17.2116, -79.7298



122.9900, 65.0809, -107.8622

Complementary

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



146.7470, -22.5533, 94.0609



208.2530, 22.5533, -94.0609

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.



130.0510, 59.1349, -114.0547



146.7470, -22.5533, 94.0609



121.6030, 11.5347, -106.6458

Square

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



146.7470, -22.5533, 94.0609



138.1170, -51.3297, -9.7496



128.4430, 37.7426, -112.6445



152.5340, 50.5157, -9.2383

Rectangle

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



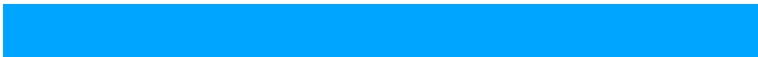
146.7470, -22.5533, 94.0609



144.6730, -60.9708, 49.3988



128.4430, 37.7426, -112.6445



125.9250, 63.6340, -110.4362

Sweetspot

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



146.7470, -22.5533, 94.0609



222.7540, -6.7807, 28.2797



164.1890, 44.2768, 78.7642



107.6710, -4.2748, 17.8285



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



146.7470, -22.5533, 94.0609



126.0160, -27.1229, 113.1190



191.9460, -44.8364, 54.4214



118.8870, -1.9163, 7.9921



57.1090, -28.1547, 117.4224



19.1360, -9.4340, 39.3457

Inverse Universe

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



208.2530, 22.5533, -94.0609



199.9840, 27.1229, -113.1190



163.6410, 44.5470, -54.9362



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

Previews

White Background



This preview shows how the YUV color 146.7470, -22.5533, 94.0609 looks on a white background.

Color Contrast Check

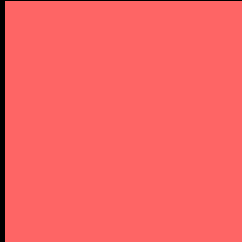
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 146.7470, -22.5533, 94.0609 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](#).

YUV 146.7470, -22.5533, 94.0609

Background



This preview shows how black text looks on a background with the YUV color 146.7470, -22.5533, 94.0609.



This preview shows how white text looks on a background with the YUV color 146.7470, -22.5533, 94.0609.

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

146.7470, -22.5533, 94.0609

Protanopia

151.3850, -13.9938, 8.4324

Deuteranopia

150.8470, -28.0256, 29.0752



Tritanopia

146.7300, -20.0799, 94.0758

Trichromacy



Original Color

146.7470, -22.5533, 94.0609

Protanomaly

149.4860, -17.0016, 39.9158

Deuteranomaly

149.2720, -25.7701, 52.3815

Tritanomaly

146.5020, -20.9535, 94.2757

Monochromacy



Original Color

146.7470, -22.5533, 94.0609

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7440, -8.2548, 34.4275

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.7470, -22.5533, 94.0609 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(254, 101, 101)` looks like.

```
.text, #text, p{  
    color:rgb(254, 101, 101)  
}
```

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(254, 101, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 101, 101) }
```

Border

The CSS property to change the border of an element to YUV 146.7470, -22.5533, 94.0609 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(254, 101, 101) }
```


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

```
.border{ border-color:rgb(254, 101, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 101, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 101, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 101, 101);  
box-shadow:4px 4px 4px 4px rgb(254, 101,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 146.7470, -22.5533, 94.0609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 101, 101) }
```

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

```
.background{ background-color: rgb(254,  
101, 101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor