

Converting Colors

YUV(150.6820, -24.0002,
91.4869)

Have a look what the booklet for
YUV(150.6820, -24.0002, 91.4869)
contains.

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Color

**YUV(150.6820, -24.0002,
91.4869)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6B66
RGB	255, 107, 102
RGB Percent	100%, 42%, 40%
CMY	0.0000, 0.5804, 0.6000
CMYK	0.00, 0.58, 0.60, 0.00
HSL	2°, 100%, 70%
HSV	2°, 60%, 100%
XYZ	48.8960, 32.7347, 16.3117
YIQ	150.6820, 89.8130, 29.8210

Conversions

Conversions Part 2

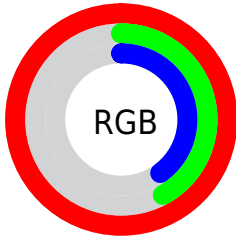
Format	Color
R_{YB}	255, 107, 102
Decimal	16739174
CIE _{Lab}	63.95, 56.04, 31.62
CIE _{LCh}	64, 64.345, 29.430
Yxy	32.7347, 0.4992, 0.3342
Android (android.graphics.Color)	4294929254 (0xFFFF6B66)
YUV	150.6820, -24.0002, 91.4869
Hunter-Lab	57.2142, 52.4233, 23.1465

Details

The YUV color **150.6820, -24.0002, 91.4869** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **206.3180, 24.0002, -91.4869**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.3680, -17.9294, 57.5593**, and **93.0280, -18.7478, 86.7984** is the 20% darker color. If you saturate the color by 10%, you get **133.1570, -27.6854, 106.8563**, and if you desaturate by 10%, it is **168.3210, -19.8783, 76.0175**.

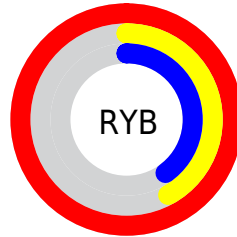
Distribution



Red (100%)

Green (42%)

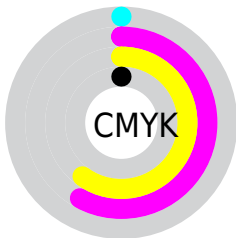
Blue (40%)



Red (100%)

Yellow (42%)

Blue (40%)

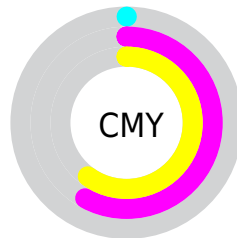


Cyan (0%)

Magenta (58%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.6820, -24.0002, 91.4869 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 150.6820, -24.0002, 91.4869 by changing the saturation by 10% instead.


 150.6820,
-24.0002, 91.4869

 150.6820,
-24.0002, 91.4869


255.0000, 0.0000,
0.0000

 121.9420,
-21.6634, 88.6279


 189.3680,
-17.9294, 57.5593


 93.0280, -18.7478,
86.7984


 208.8820,
-14.2388, 40.4455


 58.3580, -12.5015,
90.0170

 229.0970,
-10.4008, 22.7169

 40.6510, -13.6319,
79.2361

 249.8990, -6.8522,
4.4736

 30.1990, -14.8881,
62.0925

 21.3430, -10.0291,
43.5492

 12.9710, -5.9017,

26.3354

■ 0.0000, 0.0000,
0.0000

■ 150.6820,
-24.0002, 91.4869

■ 150.6820,
-24.0002, 91.4869

■ 133.1570,
-27.6854, 106.8563

■ 168.3210,
-19.8783, 76.0175

■ 116.1050,
-32.0968, 121.8109

■ 185.2590,
-15.9037, 61.1629

■ 98.4660, -36.2187,
137.2803

■ 202.8980,
-11.7817, 45.6935

■ 80.9410, -39.9039,
152.6497

■ 220.4230, -8.0965,
30.3240

■ 237.4750, -3.6852,
15.3694

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



152.3700, 2.7756, 90.0065



150.6820, -24.0002, 91.4869



150.9370, -47.7899, 68.4613

Triad

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



150.6820, -24.0002, 91.4869



123.7700, -15.1696, -81.3593



124.1640, 64.5021, -108.8918

Complementary

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



150.6820, -24.0002, 91.4869



206.3180, 24.0002, -91.4869

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.



131.5670, 59.8665, -115.3843



150.6820, -24.0002, 91.4869



124.1620, 13.7241, -108.8901

Square

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



150.6820, -24.0002, 91.4869



141.9040, -48.2667, -12.1938



130.1870, 39.3478, -114.1740



156.6980, 48.4629, -4.1201

Rectangle

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



150.6820, -24.0002, 91.4869



148.5200, -58.9234, 46.0250



130.1870, 39.3478, -114.1740



127.0990, 63.0552, -111.4658

Sweetspot

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



150.6820, -24.0002, 91.4869



223.9280, -7.3595, 27.2501



164.8470, 42.9664, 79.0642



108.2580, -4.5642, 17.3137



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.



150.6820, -24.0002, 91.4869



129.5380, -28.8592, 110.0302



194.1200, -45.4152, 53.3918



118.8870, -1.9163, 7.9921



60.6310, -29.8911, 114.3336



20.3100, -10.0128, 38.3161

Inverse Universe

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



206.3180, 24.0002, -91.4869



196.4620, 28.8592, -110.0302



162.8800, 45.4152, -53.3918



123.5260, 2.2057, -7.4773



130.3690, 29.8911, -114.3336



43.6900, 10.0128, -38.3161

Previews

White Background



This preview shows how the YUV color 150.6820, -24.0002, 91.4869 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 150.6820, -24.0002, 91.4869 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 150.6820, -24.0002, 91.4869

Background



This preview shows how black text looks on a background with the YUV color 150.6820, -24.0002, 91.4869.



This preview shows how white text looks on a background with the YUV color 150.6820, -24.0002, 91.4869.

91.4869.

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

150.6820, -24.0002, 91.4869

Protanopia

154.2280, -15.8884, 9.4470

Deuteranopia

153.9180, -29.0466, 29.8899



Tritanopia

151.3490, -18.9061, 90.9019

Trichromacy



Original Color

150.6820, -24.0002, 91.4869

Protanomaly

153.3180, -18.8908, 39.1861

Deuteranomaly

152.6310, -26.9331, 52.0666

Tritanomaly

150.8930, -20.6532, 91.3018

Monochromacy



Original Color

150.6820, -24.0002, 91.4869

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.9180, -8.8336, 33.3979

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.6820, -24.0002, 91.4869 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, 107, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 102)  
}
```

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, 107, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 102) }
```

Border

The CSS property to change the border of an element to YUV 150.6820, -24.0002, 91.4869 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, 107, 102) }
```


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

```
.border{ border-color:rgb(255, 107, 102) }
```

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

Here you see how a box with a 4 pixel rgb(255, 107, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 150.6820, -24.0002, 91.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 102) }
```

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

```
.background{ background-color: rgb(255,  
107, 102) }
```

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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