

Converting Colors

YUV(74.8710, -21.1354,
12.3911)

Have a look what the booklet for
YUV(74.8710, -21.1354, 12.3911)
contains.

YUV(74.8710, -21.1354, 12.3911)	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(74.8710, -21.1354,
12.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	594C20
RGB	89, 76, 32
RGB Percent	35%, 30%, 13%
CMY	0.6510, 0.7020, 0.8745
CMYK	0.00, 0.15, 0.64, 0.65
HSL	46°, 47%, 24%
HSV	46°, 64%, 35%
XYZ	6.9650, 7.3970, 2.4272
YIQ	74.8710, 21.8720, -10.9280

Conversions

Conversions Part 2

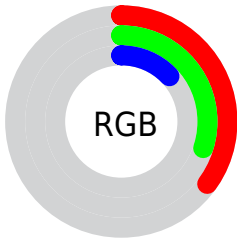
Format	Color
R_{YB}	49, 89, 32
Decimal	5852192
CIE Lab	32.69, -0.66, 27.67
CIE LCh	33, 27.676, 91.357
Yxy	7.3970, 0.4148, 0.4406
Android (android.graphics.Color)	4284042272 (0xFF594C20)
YUV	74.8710, -21.1354, 12.3911
Hunter-Lab	27.1975, -1.8836, 13.7470

Details

The YUV color **74.8710, -21.1354, 12.3911** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46.1290, 21.1354, -12.3911**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4260, -22.8880, 14.5354**, and **31.0430, -15.3042, 8.7323** is the 20% darker color. If you saturate the color by 10%, you get **72.6710, -24.4878, 14.3205**, and if you desaturate by 10%, it is **77.0710, -17.7830, 10.4617**.

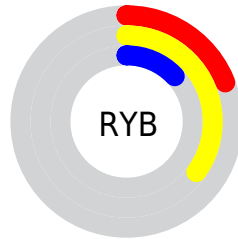
Distribution



Red (35%)

Green (30%)

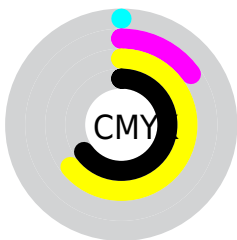
Blue (13%)



Red (19%)

Yellow (35%)

Blue (13%)

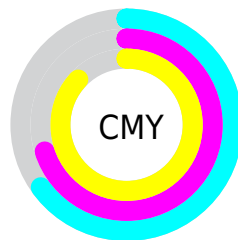


Cyan (0%)

Magenta (15%)

Yellow (64%)

Black (65%)



Cyan (65%)

Magenta (70%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8710, -21.1354, 12.3911 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 74.8710, -21.1354, 12.3911 by changing the saturation by 10% instead.

■ 74.8710, -21.1354,
12.3911

■ 74.8710, -21.1354,
12.3911

■ 255.0000, 0.0000,
0.0000

■ 51.2730, -20.8406,
11.1616

■ 124.4260,
-22.8880, 14.5354

■ 31.0430, -15.3042,
8.7323

■ 149.9100,
-23.6196, 15.8649

■ 9.7570, -4.8102,
2.8441

■ 177.0950,
-24.2038, 16.5797

■ 0.0000, 0.0000,
0.0000

■ 204.2800,
-24.7880, 17.2944

■ 233.0520,
-25.6616, 17.4944

■ 249.7560,

-20.0927, 4.5990

252.9480, -7.8624,
1.7996

74.8710, -21.1354,
12.3911

74.8710, -21.1354,
12.3911

72.6710, -24.4878,
14.3205

77.0710, -17.7830,
10.4617

70.4710, -27.8402,
16.2499

79.2710, -14.4306,
8.5323

68.2710, -31.1926,
18.1793

81.4710, -11.0782,
6.6029

67.1140, -33.0872,
19.1940

83.6710, -7.7258,
4.6735

85.8710, -4.3734,
2.7441

■ 87.9570, -1.4578,
0.9147

■ 90.1570, 1.8946,
-1.0147

■ 92.3570, 5.2470,
-2.9441

■ 94.5570, 8.5994,
-4.8735

Harmonies

Analogous

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



76.3550, -18.4160, 26.8757



74.8710, -21.1354, 12.3911



72.4990, -17.0080, -4.8226

Triad

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



74.8710, -21.1354, 12.3911



62.9420, 17.7766, -55.2001



79.5480, 9.0968, 22.3214

Complementary

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



74.8710, -21.1354, 12.3911



46.1290, 21.1354, -12.3911

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.



78.5930, 17.4557, 1.2339



74.8710, -21.1354, 12.3911



63.0050, 25.6335, -55.2554

Square

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



74.8710, -21.1354, 12.3911



60.4340, 8.1670, -53.0006



72.3120, 23.5102, -27.4606



78.3940, -0.6872, 33.8575

Rectangle

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



74.8710, -21.1354, 12.3911



70.1320, -10.4181, -18.5328



72.3120, 23.5102, -27.4606



79.3130, 12.1707, 16.3885

Sweetspot

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



74.8710, -21.1354, 12.3911



109.5570, -8.1626, 4.7735



50.5250, -2.7238, 33.7426



55.6430, -5.2470, 2.9441



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



74.8710, -21.1354, 12.3911



93.1140, -33.0872, 19.1940



78.0170, -22.6864, -3.5229



41.9570, -1.4578, 0.9147



80.7140, -39.7920, 23.0528



176.5120, -87.0204, 51.2940

Inverse Universe

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



46.1290, 21.1354, -12.3911



48.4730, 32.7978, -19.7088



42.9830, 22.6864, 3.5229



40.0430, 1.4578, -0.9147



26.2860, 39.7920, -23.0528



58.4880, 87.0204, -51.2940

Previews

White Background



This preview shows how the YUV color 74.8710, -21.1354, 12.3911 looks on a white 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

Black Background



This preview shows how the YUV color 74.8710, -21.1354, 12.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

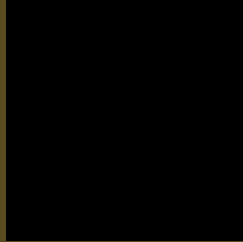
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8710, -21.1354, 12.3911

Background



This preview shows how black text looks on a background with the YUV color 74.8710, -21.1354, 12.3911.

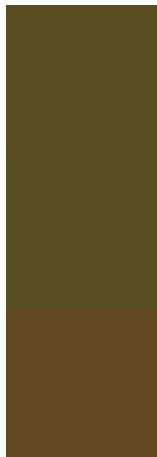


This preview shows how white text looks on a background with the YUV color 74.8710, -21.1354,

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

74.8710, -21.1354, 12.3911

Protanopia

74.5610, -20.9826, 10.0320

Deuteranopia

75.3170, -20.8623, 18.1390



Tritanopia

78.2620, -0.6222, 12.9252

Trichromacy



Original Color

74.8710, -21.1354, 12.3911

Protanomaly

74.8600, -21.1300, 10.6468

Deuteranomaly

75.0070, -20.7095, 15.7799

Tritanomaly

77.3130, -8.0423, 12.8805

Monochromacy



Original Color

74.8710, -21.1354, 12.3911

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.6710, -7.7258, 4.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8710, -21.1354, 12.3911 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(89, 76, 32)` looks like.

```
.text, #text, p{  
    color:rgb(89, 76, 32)  
}
```

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(89, 76, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 76, 32) }
```

Border

The CSS property to change the border of an element to YUV 74.8710, -21.1354, 12.3911 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(89, 76, 32) }
```


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

```
.border{ border-color:rgb(89, 76, 32) }
```

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

Here you see how a box with a 4 pixel rgb(89, 76, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 76, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 76, 32);  
box-shadow:4px 4px 4px 4px rgb(89, 76, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.8710, -21.1354, 12.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 76, 32) }
```

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

```
.background{ background-color: rgb(89, 76,  
32) }
```

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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