

Converting Colors

YUV(84.8700, -12.7539,
30.8090)

Have a look what the booklet for
YUV(84.8700, -12.7539, 30.8090)
contains.

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Color

**YUV(84.8700, -12.7539,
30.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	78483B
RGB	120, 72, 59
RGB Percent	47%, 28%, 23%
CMY	0.5294, 0.7176, 0.7686
CMYK	0.00, 0.40, 0.51, 0.53
HSL	13°, 34%, 35%
HSV	13°, 51%, 47%
XYZ	10.8525, 8.9436, 5.2920
YIQ	84.8700, 32.7810, 6.1330

Conversions

Conversions Part 2

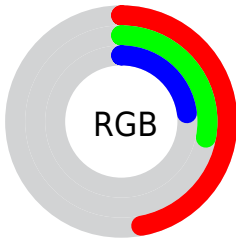
Format	Color
R_{YB}	120, 76, 59
Decimal	7882811
CIE _{Lab}	35.88, 18.97, 16.45
CIE _{LCh}	36, 25.109, 40.939
Yxy	8.9436, 0.4326, 0.3565
Android (android.graphics.Color)	4286072891 (0xFF78483B)
YUV	84.8700, -12.7539, 30.8090
Hunter-Lab	29.9058, 12.4407, 10.4424

Details

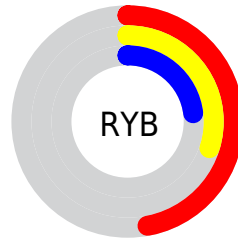
The YUV color **84.8700, -12.7539, 30.8090** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **94.1300, 12.7539, -30.8090**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1370, -14.3645, 34.0829**, and **38.1190, -10.4117, 26.2056** is the 20% darker color. If you saturate the color by 10%, you get **78.2190, -15.3910, 36.6419**, and if you desaturate by 10%, it is **91.5210, -10.1169, 24.9761**.

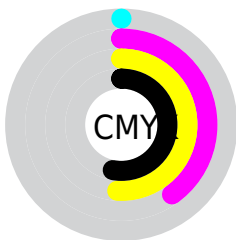
Distribution



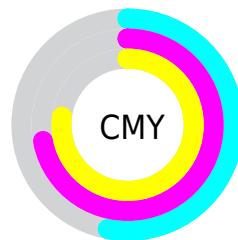
- Red (47%)
- Green (28%)
- Blue (23%)



- Red (47%)
- Yellow (30%)
- Blue (23%)



- Cyan (0%)
- Magenta (40%)
- Yellow (51%)
- Black (53%)



- Cyan (53%)
- Magenta (72%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8700, -12.7539, 30.8090 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 84.8700, -12.7539, 30.8090 by changing the saturation by 10% instead.

84.8700, -12.7539,
30.8090

84.8700, -12.7539,
30.8090

255.0000, 0.0000,
0.0000

61.0870, -11.8749,
28.8647

135.1370,
-14.3645, 34.0829

38.1190, -10.4117,
26.2056

162.0340,
-14.8068, 35.9272

16.3900, -8.0803,
25.0910

189.5180,
-15.5384, 37.2567

0.8970, -0.4422,
1.8443

215.3220,
-14.9487, 34.7976

0.0000, 0.0000,
0.0000

234.8360,
-11.2581, 17.6838

253.4040, -6.1152,

1.3997

■ 84.8700, -12.7539,
30.8090

■ 84.8700, -12.7539,
30.8090

■ 78.2190, -15.3910,
36.6419

■ 91.5210, -10.1169,
24.9761

■ 70.9810, -17.7386,
42.9897

■ 98.7590, -7.7692,
18.6284

■ 64.3300, -20.3757,
48.8226

■ 105.4100, -5.1321,
12.7954

■ 57.0920, -22.7234,
55.1703

■ 112.6480, -2.7845,
6.4477

■ 51.1420, -25.2130,
60.3885

■ 119.2990, -0.1474,
0.6148

■ 126.5370, 2.2003,
-5.7329

■ 133.1880, 4.8373,
-11.5659

■ 140.4260, 7.1850,
-17.9136

■ 147.0770, 9.8220,
-23.7465

Harmonies

Analogous

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



85.5850, -3.7394, 32.8130



84.8700, -12.7539, 30.8090



83.9090, -18.6891, 21.1278

Triad

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



84.8700, -12.7539, 30.8090



75.8300, -2.3812, -29.6689



83.1780, 20.1252, -15.0651

Complementary

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



84.8700, -12.7539, 30.8090



94.1300, 12.7539, -30.8090

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.



74.5120, 23.4116, -42.5450



84.8700, -12.7539, 30.8090



66.1390, 12.2565, -58.0039

Square

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



84.8700, -12.7539, 30.8090



79.7910, -13.2080, -10.3407



67.7180, 20.8450, -59.3887



86.4260, 14.0870, 8.3964

Rectangle

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



84.8700, -12.7539, 30.8090



82.7400, -19.0988, 12.5060



67.7180, 20.8450, -59.3887



80.7640, 21.3153, -23.4720

Sweetspot

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



84.8700, -12.7539, 30.8090



142.1110, -4.9847, 12.1807



82.8250, 12.4113, 32.6025



70.9470, -2.9319, 7.0625



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



84.8700, -12.7539, 30.8090



101.1450, -19.7915, 48.1078



102.4800, -21.4356, 15.3650



57.3810, -1.1738, 3.1739



53.2240, -26.2394, 62.9476



107.0460, -52.7737, 127.1247

Inverse Universe

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



94.1300, 12.7539, -30.8090



115.2680, 20.0809, -47.5930



76.5200, 21.4356, -15.3650



58.6190, 1.1738, -3.1739



71.7760, 26.2394, -62.9476



145.5410, 52.4843, -127.6395

Previews

White Background



This preview shows how the YUV color 84.8700, -12.7539, 30.8090 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 84.8700, -12.7539, 30.8090 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 84.8700, -12.7539, 30.8090

Background



This preview shows how black text looks on a background with the YUV color 84.8700, -12.7539, 30.8090.



This preview shows how white text looks on a background with the YUV color 84.8700, -12.7539,

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

84.8700, -12.7539, 30.8090

Protanopia

84.4000, -10.0572, 5.7882

Deuteranopia

84.5430, -13.5787, 15.3098



Tritanopia

85.8190, -5.3338, 30.8537

Trichromacy



Original Color

84.8700, -12.7539, 30.8090

Protanomaly

84.5260, -11.1053, 15.3247

Deuteranomaly

84.9890, -13.3056, 21.0576

Tritanomaly

85.7220, -8.2439, 30.9388

Monochromacy



Original Color

84.8700, -12.7539, 30.8090

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9260, -4.4005, 11.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8700, -12.7539, 30.8090 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(120, 72, 59)` looks like.

```
.text, #text, p{  
    color:rgb(120, 72, 59)  
}
```

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(120, 72, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 72, 59) }
```

Border

The CSS property to change the border of an element to YUV 84.8700, -12.7539, 30.8090 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(120, 72, 59) }
```


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

```
.border{ border-color:rgb(120, 72, 59) }
```

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

Here you see how a box with a 4 pixel rgb(120, 72, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 72, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 72, 59);  
box-shadow:4px 4px 4px 4px rgb(120, 72,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 84.8700, -12.7539, 30.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 72, 59) }
```

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

```
.background{ background-color: rgb(120, 72,  
59) }
```

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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