

Converting Colors

YUV(90.9510, -12.3008,
25.4760)

Have a look what the booklet for
YUV(90.9510, -12.3008, 25.4760)
contains.

YUV(90.9510, -12.3008, 25.4760)	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(90.9510, -12.3008,
25.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	785142
RGB	120, 81, 66
RGB Percent	47%, 32%, 26%
CMY	0.5294, 0.6824, 0.7412
CMYK	0.00, 0.33, 0.45, 0.53
HSL	17°, 29%, 36%
HSV	17°, 45%, 47%
XYZ	11.6715, 10.2713, 6.5217
YIQ	90.9510, 28.0590, 3.6030

Conversions

Conversions Part 2

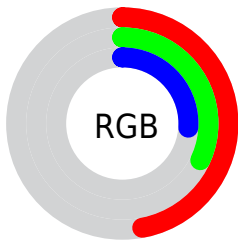
Format	Color
R_{YB}	120, 87, 66
Decimal	7885122
CIE _{Lab}	38.32, 14.36, 15.41
CIE _{LCh}	38, 21.067, 47.016
Yxy	10.2713, 0.4100, 0.3608
Android (android.graphics.Color)	4286075202 (0xFF785142)
YUV	90.9510, -12.3008, 25.4760
Hunter-Lab	32.0488, 8.9206, 10.3692

Details

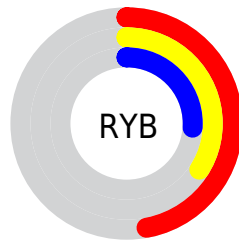
The YUV color **90.9510, -12.3008, 25.4760** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **95.0490, 12.3008, -25.4760**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.9190, -13.7641, 28.1350**, and **44.3850, -10.5428, 21.5874** is the 20% darker color. If you saturate the color by 10%, you get **84.3000, -14.9379, 31.3089**, and if you desaturate by 10%, it is **97.6020, -9.6638, 19.6430**.

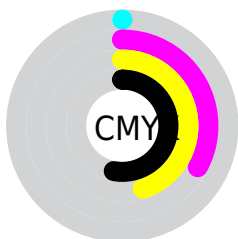
Distribution



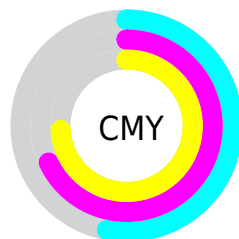
- Red (47%)
- Green (32%)
- Blue (26%)



- Red (47%)
- Yellow (34%)
- Blue (26%)



- Cyan (0%)
- Magenta (33%)
- Yellow (45%)
- Black (53%)



- Cyan (53%)
- Magenta (68%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.9510, -12.3008, 25.4760 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 90.9510, -12.3008, 25.4760 by changing the saturation by 10% instead.

■ 90.9510, -12.3008,
25.4760

■ 90.9510, -12.3008,
25.4760

■ 255.0000, 0.0000,
0.0000

■ 67.1680, -11.4218,
23.5317

■ 141.9190,
-13.7641, 28.1350

■ 44.3850, -10.5428,
21.5874

■ 168.5170,
-14.0589, 29.3646

■ 22.5590, -11.1216,
20.5578

■ 195.7020,
-14.6431, 30.0793

■ 5.0830, -2.5059,
10.4512

■ 222.1040,
-14.3483, 28.8498

■ 0.0000, 0.0000,
0.0000

■ 242.3190,
-10.5103, 11.1212

■ 254.4300, -2.1840,

0.4999

■ 90.9510, -12.3008,
25.4760

■ 90.9510, -12.3008,
25.4760

■ 84.3000, -14.9379,
31.3089

■ 97.6020, -9.6638,
19.6430

■ 78.2360, -17.8643,
36.6270

■ 103.6660, -6.7373,
14.3249

■ 71.5850, -20.5014,
42.4600

■ 110.3170, -4.1003,
8.4920

■ 64.9340, -23.1385,
48.2929

■ 116.9680, -1.4632,
2.6591

■ 58.8700, -26.0649,
53.6110

■ 123.0320, 1.4632,
-2.6591

■ 55.2510, -27.2387,
56.7849

■ 129.6830, 4.1003,
-8.4920

■ 136.3340, 6.7373,
-14.3249

■ 142.3980, 9.6638,
-19.6430

■ 149.0490, 12.3008,
-25.4760

Harmonies

Analogous

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



92.0960, -5.4703, 27.9798



90.9510, -12.3008, 25.4760



90.1580, -16.3469, 16.5244

Triad

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



90.9510, -12.3008, 25.4760



83.0090, -0.4974, -27.1949



90.1960, 16.1724, -7.1879

Complementary

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



90.9510, -12.3008, 25.4760



95.0490, 12.3008, -25.4760

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.



85.6450, 18.4160, -26.8757



90.9510, -12.3008, 25.4760



79.6790, 10.0183, -40.0605

Square

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



90.9510, -12.3008, 25.4760



86.2900, -10.0030, -11.6553



80.8020, 16.8596, -41.0454



92.2260, 10.7346, 10.3258

Rectangle

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



90.9510, -12.3008, 25.4760



88.5160, -16.0304, 8.3175



80.8020, 16.8596, -41.0454



88.7930, 17.3571, -13.8505

Sweetspot

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



90.9510, -12.3008, 25.4760



144.1000, -4.9793, 10.4363



86.7060, 9.5119, 29.1988



71.6480, -2.7845, 6.4477



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.



90.9510, -12.3008, 25.4760



110.6170, -19.0382, 39.8009



106.2130, -19.8250, 12.0912



57.9680, -1.4632, 2.6591



57.9200, -28.5546, 58.8292



116.4380, -57.4039, 118.8879

Inverse Universe

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



95.0490, 12.3008, -25.4760



116.7960, 19.3276, -39.2861



79.7870, 19.8250, -12.0912



58.0320, 1.4632, -2.6591



67.0800, 28.5546, -58.8292



135.5620, 57.4039, -118.8879

Previews

White Background



This preview shows how the YUV color 90.9510, -12.3008, 25.4760 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 × Fail

Black Background



This preview shows how the YUV color 90.9510, -12.3008, 25.4760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

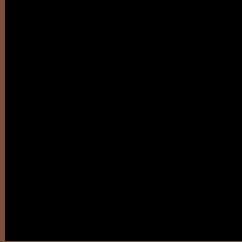
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.9510, -12.3008, 25.4760

Background



This preview shows how black text looks on a background with the YUV color 90.9510, -12.3008, 25.4760.



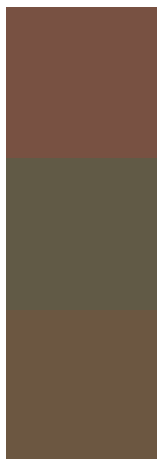
This preview shows how white text looks on a background with the YUV color 90.9510, -12.3008,

25.4760.

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

90.9510, -12.3008, 25.4760

Protanopia

89.8130, -9.7678, 6.3030

Deuteranopia

90.7710, -12.7051, 15.1098



Tritanopia

91.8400, -3.8651, 26.4503

Trichromacy



Original Color

90.9510, -12.3008, 25.4760

Protanomaly

90.3300, -10.5157, 12.8656

Deuteranomaly

90.7930, -12.7159, 18.5985

Tritanomaly

91.3300, -7.0647, 26.0206

Monochromacy



Original Color

90.9510, -12.3008, 25.4760

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.9150, -4.3951, 9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9510, -12.3008, 25.4760 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, 81, 66)` looks like.

```
.text, #text, p{  
    color:rgb(120, 81, 66)  
}
```

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, 81, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 81, 66) }
```

Border

The CSS property to change the border of an element to YUV 90.9510, -12.3008, 25.4760 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, 81, 66) }
```


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

```
.border{ border-color:rgb(120, 81, 66) }
```

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

Here you see how a box with a 4 pixel rgb(120, 81, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 81, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 81, 66);  
box-shadow:4px 4px 4px 4px rgb(120, 81,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 90.9510, -12.3008, 25.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 81, 66) }
```

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

```
.background{ background-color: rgb(120, 81,  
66) }
```

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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