

Converting Colors

YUV(123.4750, -20.4472,
25.0164)

Have a look what the booklet for
YUV(123.4750, -20.4472, 25.0164)
contains.

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Color

**YUV(123.4750, -20.4472,
25.0164)**

Conversions

Conversions Part 1

Format	Color
Hex	987552
RGB	152, 117, 82
RGB Percent	60%, 46%, 32%
CMY	0.4039, 0.5412, 0.6784
CMYK	0.00, 0.23, 0.46, 0.40
HSL	30°, 30%, 46%
HSV	30°, 46%, 60%
XYZ	20.8332, 20.0072, 10.7464
YIQ	123.4750, 32.0950, -3.4650

Conversions

Conversions Part 2

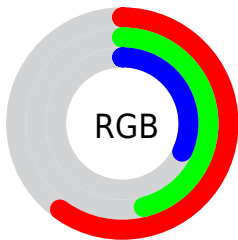
Format	Color
R_{YB}	152, 152, 82
Decimal	9991506
CIE _{Lab}	51.85, 9.03, 24.55
CIE _{LCh}	52, 26.157, 69.800
Yxy	20.0072, 0.4038, 0.3878
Android (android.graphics.Color)	4288181586 (0xFF987552)
YUV	123.4750, -20.4472, 25.0164
Hunter-Lab	44.7294, 4.8618, 17.0659

Details

The YUV color $123.4750, -20.4472, 25.0164$ is a dark color, and the websafe version is hex 996633 . A complement of this color would be $110.5250, 20.4472, -25.0164$, and the grayscale version is $124.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.4430, -21.9104, 27.6755$, and $74.2080, -18.8365, 21.7426$ is the 20% darker color. If you saturate the color by 10%, you get $117.0690, -24.6840, 30.6345$, and if you desaturate by 10%, it is $129.8810, -16.2103, 19.3984$.

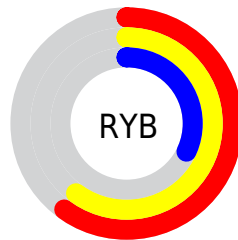
Distribution



Red (60%)

Green (46%)

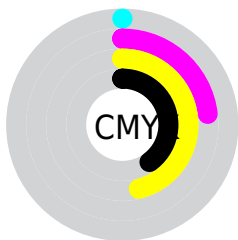
Blue (32%)



Red (60%)

Yellow (60%)

Blue (32%)

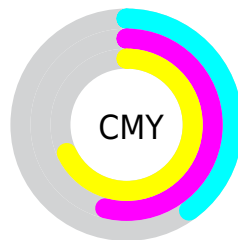


Cyan (0%)

Magenta (23%)

Yellow (46%)

Black (40%)



Cyan (40%)

Magenta (54%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.4750, -20.4472, 25.0164 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 123.4750, -20.4472, 25.0164 by changing the saturation by 10% instead.

■ 123.4750,
-20.4472, 25.0164

■ 123.4750,
-20.4472, 25.0164

■ 255.0000, 0.0000,
0.0000

■ 98.1050, -19.2788,
23.5869

■ 176.4430,
-21.9104, 27.6755

■ 74.2080, -18.8365,
21.7426

■ 203.9270,
-22.6420, 29.0050

■ 51.4250, -17.9575,
19.7983

■ 228.8230,
-21.6047, 22.9572

■ 30.2120, -14.8945,
17.3541

■ 249.0380,
-17.7667, 5.2287

■ 7.7740, -3.8326,
15.9842

■ 253.4040, -6.1152,
1.3997

■ 0.0000, 0.0000,
0.0000

■ 123.4750,
-20.4472, 25.0164

■ 123.4750,
-20.4472, 25.0164

■ 117.0690,
-24.6840, 30.6345

■ 129.8810,
-16.2103, 19.3984

■ 111.2500,
-29.2102, 35.7377

■ 135.7000,
-11.6841, 14.2951

■ 104.7300,
-33.8839, 41.4558

■ 142.2200, -7.0105,
8.5771

■ 98.9110, -38.4101,
46.5591

■ 148.0390, -2.4842,
3.4738

■ 92.5050, -42.6470,
52.1771

■ 154.4450, 1.7526,
-2.1443

■ 90.0600, -44.3996,
54.3214

■ 160.8510, 5.9895,
-7.7623

■ 166.6700, 10.5157,
-12.8656

■ 173.1900, 15.1893,

-18.5836

■ 179.0090, 19.7156,
-23.6869

Harmonies

Analogous

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



124.8490, -14.2226, 35.2124



123.4750, -20.4472, 25.0164



121.8490, -21.1246, 8.9024

Triad

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



123.4750, -20.4472, 25.0164



111.0970, 9.3192, -49.1971



126.1810, 15.6868, 8.6113

Complementary

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



123.4750, -20.4472, 25.0164



110.5250, 20.4472, -25.0164

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.



122.6340, 21.8724, -15.4650



123.4750, -20.4472, 25.0164



109.9250, 20.2500, -55.1852

Square

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



123.4750, -20.4472, 25.0164



115.3630, -4.1230, -31.0134



116.0500, 24.1323, -40.3859



127.1850, 6.3178, 27.0248

Rectangle

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



123.4750, -20.4472, 25.0164



119.9830, -17.7396, -3.4931



116.0500, 24.1323, -40.3859



125.4080, 18.0399, 0.5192

Sweetspot

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



123.4750, -20.4472, 25.0164



185.2910, -8.0315, 9.3918



106.9200, 4.9694, 39.5352



92.4800, -4.6736, 5.7180



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



123.4750, -20.4472, 25.0164



151.9900, -31.5471, 38.5968



143.4330, -30.2865, 7.5133



73.7400, -2.3368, 2.8590



82.9500, -40.8943, 50.0329



7.4090, -3.6526, 4.9033

Inverse Universe

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



110.5250, 20.4472, -25.0164



132.0100, 31.5471, -38.5968



89.9800, 30.5759, -6.9985



72.2600, 2.3368, -2.8590



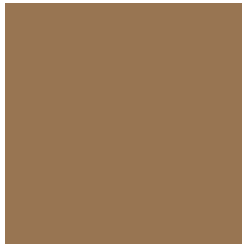
57.0500, 40.8944, -50.0328



5.0040, 3.9420, -4.3885

Previews

White Background



This preview shows how the YUV color 123.4750, -20.4472, 25.0164 looks on a white background.

Color Contrast Check

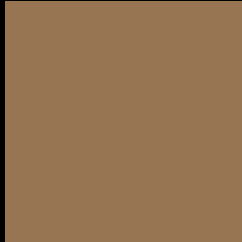
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 123.4750, -20.4472, 25.0164 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 × Fail

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

YUV 123.4750, -20.4472, 25.0164 Background



This preview shows how black text looks on a background with the YUV color 123.4750, -20.4472, 25.0164.



This preview shows how white text looks on a background with the YUV color 123.4750, -20.4472,

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

123.4750, -20.4472, 25.0164

Protanopia

122.5440, -18.5092, 10.0469

Deuteranopia

123.1650, -20.2943, 22.6573



Tritanopia

126.1820, -2.5547, 26.1504

Trichromacy



Original Color

123.4750, -20.4472, 25.0164

Protanomaly

122.7620, -19.1097, 15.9947

Deuteranomaly

123.4640, -20.4418, 23.2721

Tritanomaly

125.4610, -9.1013, 25.9057

Monochromacy



Original Color

123.4750, -20.4472, 25.0164

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.4050, -7.5947, 9.2918

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.4750, -20.4472, 25.0164 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(152, 117, 82)` looks like.

```
.text, #text, p{  
    color:rgb(152, 117, 82)  
}
```

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(152, 117, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 117, 82) }
```

Border

The CSS property to change the border of an element to YUV 123.4750, -20.4472, 25.0164 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(152, 117, 82) }
```


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

```
.border{ border-color:rgb(152, 117, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 117, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 117, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 117, 82);  
box-shadow:4px 4px 4px 4px rgb(152, 117,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 123.4750, -20.4472, 25.0164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 117, 82) }
```

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

```
.background{ background-color: rgb(152,  
117, 82) }
```

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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