

Converting Colors

YUV(158.7740, -24.0456,
12.4762)

Have a look what the booklet for
YUV(158.7740, -24.0456, 12.4762)
contains.

YUV(158.7740, -24.0456, 12.4762)	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(158.7740, -24.0456,
12.4762)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA16E
RGB	173, 161, 110
RGB Percent	68%, 63%, 43%
CMY	0.3216, 0.3686, 0.5686
CMYK	0.00, 0.07, 0.36, 0.32
HSL	49°, 28%, 55%
HSV	49°, 36%, 68%
XYZ	32.7929, 35.4998, 19.8756
YIQ	158.7740, 23.5230, -13.3170

Conversions

Conversions Part 2

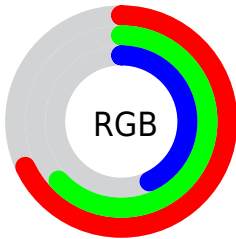
Format	Color
RYB	125, 173, 110
Decimal	11379054
CIELab	66.14, -3.35, 28.16
CIELCh	66, 28.359, 96.782
Yxy	35.4998, 0.3719, 0.4026
Android (android.graphics.Color)	4289569134 (0xFFADA16E)
YUV	158.7740, -24.0456, 12.4762
Hunter-Lab	59.5817, -6.0240, 21.9289

Details

The YUV color **158.7740, -24.0456, 12.4762** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **124.2260, 24.0456, -12.4762**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7310, -25.5034, 13.3909**, and **107.4040, -22.8772, 11.0467** is the 20% darker color. If you saturate the color by 10%, you get **155.0750, -30.6030, 15.7202**, and if you desaturate by 10%, it is **162.4730, -17.4882, 9.2322**.

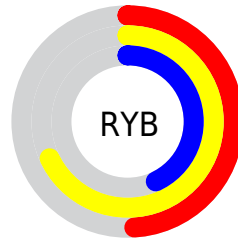
Distribution



Red (68%)

Green (63%)

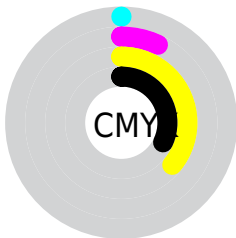
Blue (43%)



Red (49%)

Yellow (68%)

Blue (43%)

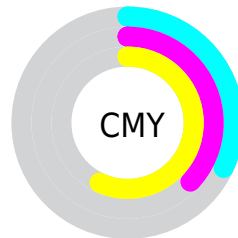


Cyan (0%)

Magenta (7%)

Yellow (36%)

Black (32%)



Cyan (32%)

Magenta (37%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.7740, -24.0456, 12.4762 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 158.7740, -24.0456, 12.4762 by changing the saturation by 10% instead.

■ 158.7740,
-24.0456, 12.4762

■ 158.7740,
-24.0456, 12.4762

■ 255.0000, 0.0000,
0.0000

■ 132.5890,
-23.4614, 11.7614

■ 213.7310,
-25.5034, 13.3909

■ 107.4040,
-22.8772, 11.0467

■ 241.0190,
-25.6454, 12.2613

■ 82.4470, -21.4194,
10.1320

■ 250.6680,
-16.5983, 3.7992

■ 58.8490, -21.1246,
8.9024

■ 253.9740, -3.9312,
0.8998

■ 37.5330, -18.5038,
8.3026

■ 18.9050, -9.3202,
2.7143

■ 0.0000, 0.0000,

0.0000

■ 158.7740,
-24.0456, 12.4762

■ 158.7740,
-24.0456, 12.4762

■ 155.0750,
-30.6030, 15.7202

■ 162.4730,
-17.4882, 9.2322

■ 150.6750,
-37.3078, 19.5790

■ 166.8730,
-10.7834, 5.3734

■ 146.9760,
-43.8652, 22.8230

■ 170.5720, -4.2260,
2.1294

■ 143.2770,
-50.4226, 26.0671

■ 174.2710, 2.3314,
-1.1147

■ 139.5780,
-56.9800, 29.3111

■ 178.0840, 9.3256,
-4.4587

■ 135.1780,
-63.6848, 33.1699

■ 182.3700, 15.5936,
-8.2175

■ 133.9070,
-66.0162, 34.2846

■ 186.0690, 22.1510,
-11.4615

■ 189.7680, 28.7084,
-14.7055

■ 192.9140, 30.6084,
-17.4646

Harmonies

Analogous

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



160.9380, -22.6474, 30.7494



158.7740, -24.0456, 12.4762



155.5370, -18.0127, -9.2409

Triad

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



158.7740, -24.0456, 12.4762



147.1310, 21.1344, -58.8739



164.9510, 7.9122, 28.9840

Complementary

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



158.7740, -24.0456, 12.4762



124.2260, 24.0456, -12.4762

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.



163.6800, 18.8918, 7.2966



158.7740, -24.0456, 12.4762



152.7010, 26.7694, -46.2188

Square

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



158.7740, -24.0456, 12.4762



148.2600, 8.7458, -51.9710



159.2250, 25.5251, -20.3683



164.2270, -4.0559, 41.0199

Rectangle

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



158.7740, -24.0456, 12.4762



153.3870, -10.5438, -24.8954



159.2250, 25.5251, -20.3683



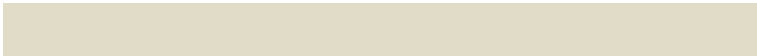
164.9440, 11.8596, 22.8511

Sweetspot

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



158.7740, -24.0456, 12.4762



218.9160, -9.3256, 4.4587



130.3190, -3.6083, 37.4312



108.6430, -5.2470, 2.9441



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



158.7740, -24.0456, 12.4762



202.2620, -37.5972, 19.0642



160.1370, -24.7175, -5.3821



84.8000, -3.3524, 1.9294



116.4640, -57.4168, 29.4111



18.0300, -8.8888, 4.3587

Inverse Universe

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



124.2260, 24.0456, -12.4762



147.7380, 37.5972, -19.0642



122.8630, 24.7175, 5.3821



80.2000, 3.3524, -1.9294



34.1230, 57.1274, -29.9259



4.9700, 8.8888, -4.3587

Previews

White Background



This preview shows how the YUV color 158.7740, -24.0456, 12.4762 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 158.7740, -24.0456, 12.4762 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 158.7740, -24.0456, 12.4762

Background



This preview shows how black text looks on a background with the YUV color 158.7740, -24.0456, 12.4762.



This preview shows how white text looks on a background with the YUV color 158.7740, -24.0456, 12.4762.

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

158.7740, -24.0456, 12.4762

Protanopia

159.0730, -24.1930, 13.0910

Deuteranopia

160.5740, -23.9470, 27.5606



Tritanopia

162.8430, 1.5564, 14.1697

Trichromacy



Original Color

158.7740, -24.0456, 12.4762

Protanomaly

159.0730, -24.1930, 13.0910

Deuteranomaly

160.1280, -24.2201, 21.8127

Tritanomaly

161.7260, -7.7529, 13.3953

Monochromacy



Original Color

158.7740, -24.0456, 12.4762

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0300, -8.8888, 4.3587

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.7740, -24.0456, 12.4762 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(173, 161, 110)` looks like.

```
.text, #text, p{  
    color:rgb(173, 161, 110)  
}
```

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(173, 161, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 161, 110) }
```

Border

The CSS property to change the border of an element to YUV 158.7740, -24.0456, 12.4762 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(173, 161, 110) }
```


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

```
.border{ border-color:rgb(173, 161, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 161, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 161, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 161, 110);  
box-shadow:4px 4px 4px 4px rgb(173, 161,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 158.7740, -24.0456, 12.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 161, 110) }
```

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

```
.background{ background-color: rgb(173,  
161, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor