

Converting Colors

YUV(145.1840, -12.4157,
15.6246)

Have a look what the booklet for
YUV(145.1840, -12.4157, 15.6246)
contains.

YUV(145.1840, -12.4157, 15.6246)	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(145.1840, -12.4157,
15.6246)**

Conversions

Conversions Part 1

Format	Color
Hex	A38D78
RGB	163, 141, 120
RGB Percent	64%, 55%, 47%
CMY	0.3608, 0.4471, 0.5294
CMYK	0.00, 0.13, 0.26, 0.36
HSL	29°, 19%, 55%
HSV	29°, 26%, 64%
XYZ	28.0193, 28.1923, 21.7342
YIQ	145.1840, 19.8530, -1.8670

Conversions

Conversions Part 2

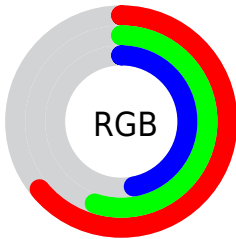
Format	Color
R_{YB}	163, 161, 120
Decimal	10718584
CIE _{Lab}	60.06, 4.92, 14.26
CIE _{LCh}	60, 15.080, 70.978
Yxy	28.1923, 0.3595, 0.3617
Android (android.graphics.Color)	4288908664 (0xFFA38D78)
YUV	145.1840, -12.4157, 15.6246
Hunter-Lab	53.0965, 1.2766, 12.8981

Details

The YUV color $145.1840, -12.4157, 15.6246$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $137.8160, 12.4157, -15.6246$, and the grayscale version is $145.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $199.2550, -13.4367, 16.4394$, and $94.7000, -11.6841, 14.2951$ is the 20% darker color. If you saturate the color by 10%, you get $138.6640, -17.0894, 21.3427$, and if you desaturate by 10%, it is $151.7040, -7.7421, 9.9066$.

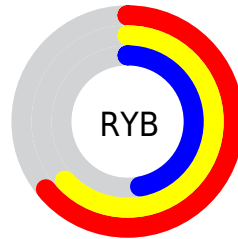
Distribution



Red (64%)

Green (55%)

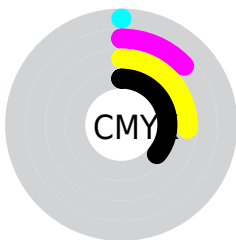
Blue (47%)



Red (64%)

Yellow (63%)

Blue (47%)

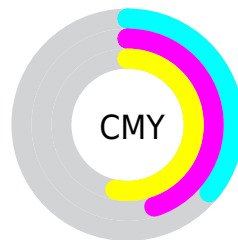


Cyan (0%)

Magenta (13%)

Yellow (26%)

Black (36%)



Cyan (36%)

Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.1840, -12.4157, 15.6246 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 145.1840, -12.4157, 15.6246 by changing the saturation by 10% instead.

■ 145.1840,
-12.4157, 15.6246

■ 145.1840,
-12.4157, 15.6246

■ 255.0000, 0.0000,
0.0000

■ 118.9990,
-11.8315, 14.9099

■ 199.2550,
-13.4367, 16.4394

■ 94.7000, -11.6841,
14.2951

■ 226.9670,
-13.2947, 17.5689

■ 70.6290, -10.6631,
13.4804

■ 249.5740,
-10.6360, 4.7586

■ 48.1450, -9.9315,
12.1508

■ 26.8630, -12.2575,
11.5211

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,

0.0000

■ 145.1840,
-12.4157, 15.6246

■ 145.1840,
-12.4157, 15.6246

■ 138.6640,
-17.0894, 21.3427

■ 151.7040, -7.7421,
9.9066

■ 131.4430,
-21.9104, 27.6755

■ 158.9250, -2.9210,
3.5738

■ 124.9230,
-26.5840, 33.3935

■ 165.4450, 1.7526,
-2.1443

■ 118.4030,
-31.2577, 39.1116

■ 171.9650, 6.4263,
-7.8623

■ 111.1820,
-36.0787, 45.4444

■ 179.1860, 11.2473,
-14.1951

■ 104.6620,
-40.7524, 51.1624

■ 185.7060, 15.9209,
-19.9132

■ 98.1420, -45.4260,
56.8805

■ 192.2260, 20.5946,
-25.6312

■ 95.6970, -47.1786,
59.0247

■ 199.3330, 24.9788,
-31.8640

■ 204.5990, 24.8477,
-36.4823

Harmonies

Analogous

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



146.1400, -8.9430, 21.8022



145.1840, -12.4157, 15.6246



143.5310, -12.0938, 5.6733

Triad

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



145.1840, -12.4157, 15.6246



139.9860, 4.4439, -25.4207



146.7370, 9.0037, 5.4927

Complementary

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



145.1840, -12.4157, 15.6246



137.8160, 12.4157, -15.6246

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.



144.6860, 12.9728, -7.6176



145.1840, -12.4157, 15.6246



139.9950, 10.8485, -26.3056

Square

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



145.1840, -12.4157, 15.6246



140.9070, -2.4192, -17.4584



142.0220, 13.3002, -19.3133



147.0220, 3.4402, 16.6437

Rectangle

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



145.1840, -12.4157, 15.6246



142.6440, -10.1775, -2.3188



142.0220, 13.3002, -19.3133



146.0570, 10.3249, 1.7040

Sweetspot

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



145.1840, -12.4157, 15.6246



204.7790, -4.8210, 6.3328



135.3650, 3.2711, 24.2359



102.8110, -3.3578, 3.6738



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



145.1840, -12.4157, 15.6246



183.7030, -19.5736, 24.8165



157.5110, -18.4929, 4.8139



78.0390, -2.4842, 3.4738



85.0320, -41.9208, 52.5919



10.6650, -5.2578, 6.4328

Inverse Universe

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



137.8160, 12.4157, -15.6246



172.2970, 19.5736, -24.8165



125.4890, 18.4929, -4.8139



76.9610, 2.4842, -3.4738



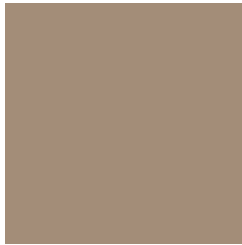
59.9680, 41.9208, -52.5919



7.3350, 5.2578, -6.4328

Previews

White Background



This preview shows how the YUV color 145.1840, -12.4157, 15.6246 looks on a white background.

Color Contrast Check

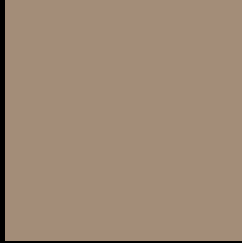
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.1840, -12.4157, 15.6246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

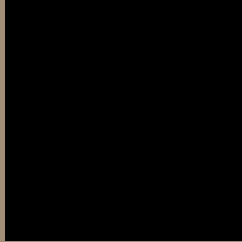
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.1840, -12.4157, 15.6246

Background



This preview shows how black text looks on a background with the YUV color 145.1840, -12.4157, 15.6246.



This preview shows how white text looks on a background with the YUV color 145.1840, -12.4157, 15.6246.

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

145.1840, -12.4157, 15.6246

Protanopia

144.7700, -11.2256, 7.2177

Deuteranopia

145.2060, -12.4266, 19.1133



Tritanopia

146.9250, 0.5300, 16.7288

Trichromacy



Original Color

145.1840, -12.4157, 15.6246

Protanomaly

145.2650, -11.9626, 10.2916

Deuteranomaly

145.4940, -12.5685, 17.9838

Tritanomaly

146.0730, -3.9800, 16.5990

Monochromacy



Original Color

145.1840, -12.4157, 15.6246

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.4800, -4.6736, 5.7180

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.1840, -12.4157, 15.6246 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(163, 141, 120)` looks like.

```
.text, #text, p{  
    color:rgb(163, 141, 120)  
}
```

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(163, 141, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 141, 120) }
```

Border

The CSS property to change the border of an element to YUV 145.1840, -12.4157, 15.6246 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(163, 141, 120) }
```


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

```
.border{ border-color:rgb(163, 141, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 141, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 141, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 141, 120);  
box-shadow:4px 4px 4px 4px rgb(163, 141,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 145.1840, -12.4157, 15.6246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 141, 120) }
```

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

```
.background{ background-color: rgb(163,  
141, 120) }
```

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