

Converting Colors

YUV(148.9760, -17.2432,
-22.7810)

Have a look what the booklet for
YUV(148.9760, -17.2432, -22.7810)
contains.

YUV(148.9760, -17.2432, -22.7810)	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(148.9760, -17.2432,
-22.7810)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA972
RGB	123, 169, 114
RGB Percent	48%, 66%, 45%
CMY	0.5176, 0.3373, 0.5529
CMYK	0.27, 0.00, 0.33, 0.34
HSL	110°, 24%, 55%
HSV	110°, 33%, 66%
XYZ	25.3936, 33.8018, 21.1056
YIQ	148.9760, -9.7610, -26.8570

Conversions

Conversions Part 2

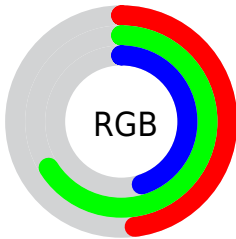
Format	Color
RYB	114, 169, 160
Decimal	8104306
CIELab	64.80, -26.27, 23.57
CIElCh	65, 35.292, 138.093
Yxy	33.8018, 0.3162, 0.4209
Android (android.graphics.Color)	4286294386 (0xFF7BA972)
YUV	148.9760, -17.2432, -22.7810
Hunter-Lab	58.1393, -23.7800, 19.1742

Details

The YUV color **148.9760, -17.2432, -22.7810** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **134.0240, 17.2432, 22.7810**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3350, -18.4062, -23.0958**, and **97.6170, -16.0802, -22.4661** is the 20% darker color. If you saturate the color by 10%, you get **142.8520, -22.6050, -29.6882**, and if you desaturate by 10%, it is **155.1000, -11.8813, -15.8737**.

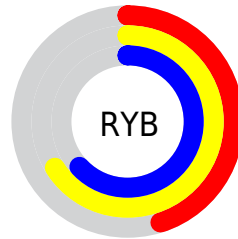
Distribution



Red (48%)

Green (66%)

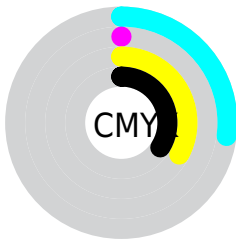
Blue (45%)



Red (45%)

Yellow (66%)

Blue (63%)

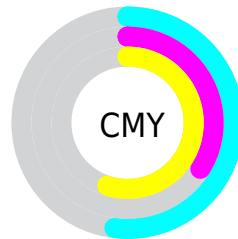


Cyan (27%)

Magenta (0%)

Yellow (33%)

Black (34%)



Cyan (52%)

Magenta (34%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.9760, -17.2432, -22.7810 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 148.9760, -17.2432, -22.7810 by changing the saturation by 10% instead.

■ 148.9760,
-17.2432, -22.7810

■ 148.9760,
-17.2432, -22.7810

■ 255.0000, 0.0000,
0.0000

■ 122.5030,
-16.5170, -22.3661

■ 203.3350,
-18.4062, -23.0958

■ 97.6170, -16.0802,
-22.4661

■ 231.6230,
-18.5481, -24.2254

■ 73.1440, -15.3540,
-22.0513

■ 244.6600,
-11.1714, -10.2258

■ 49.1870, -13.8962,
-22.9660

■ 254.4300, -2.1840,
0.4999

■ 26.7140, -13.1700,
-22.5512

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,

0.0000

■ 148.9760,
-17.2432, -22.7810

■ 148.9760,
-17.2432, -22.7810

■ 142.8520,
-22.6050, -29.6882

■ 155.1000,
-11.8813, -15.8737

■ 136.7280,
-27.9669, -36.5955

■ 161.2240, -6.5194,
-8.9664

■ 130.6040,
-33.3288, -43.5027

■ 167.3480, -1.1576,
-2.0592

■ 124.1810,
-38.5432, -51.0247

■ 173.7710, 4.0569,
5.4628

■ 118.0570,
-43.9051, -57.9320

■ 179.7810, 8.9820,
12.4701

■ 112.0470,
-48.8302, -64.9392

■ 185.9050, 14.3438,
19.3773

■ 107.5750,
-53.0345, -69.7873

■ 192.0290, 19.7057,
26.2846

■ 198.1530, 25.0676,
33.1918

■ 203.0230, 25.6247,
41.1988

Harmonies

Analogous

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



152.9920, -28.0971, 5.2690



148.9760, -17.2432, -22.7810



142.3710, 0.3101, -52.9454

Triad

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



148.9760, -17.2432, -22.7810



147.7310, 34.6426, -51.5071



159.3980, -10.0562, 52.2710

Complementary

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



148.9760, -17.2432, -22.7810



134.0240, 17.2432, 22.7810

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.



161.2410, 4.8112, 43.6386



148.9760, -17.2432, -22.7810



157.5940, 29.2872, -13.6759

Square

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



148.9760, -17.2432, -22.7810



133.6850, 34.1723, -87.4237



161.1700, 19.1432, 20.0219



158.0370, -22.6962, 46.4486

Rectangle

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



148.9760, -17.2432, -22.7810



136.4960, 14.0525, -74.1030



161.1700, 19.1432, 20.0219



160.3530, -5.1040, 50.5564

Sweetspot

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



148.9760, -17.2432, -22.7810



211.1100, -6.9562, -8.8665



157.4470, -21.4194, 10.1320



105.1150, -4.4937, -5.3629



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



148.9760, -17.2432, -22.7810



188.0810, -26.6619, -35.1510



148.3370, -8.0541, -30.1135



80.9950, -2.4625, -3.5036



94.0520, -46.3676, -61.4356



12.6370, -6.2300, -8.4516

Inverse Universe

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



134.0240, 17.2432, 22.7810



164.9190, 26.6619, 35.1510



134.6630, 8.0541, 30.1135



79.0050, 2.4625, 3.5036



53.9480, 46.3676, 61.4356



7.3630, 6.2300, 8.4516

Previews

White Background



This preview shows how the YUV color 148.9760, -17.2432, -22.7810 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 148.9760, -17.2432, -22.7810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

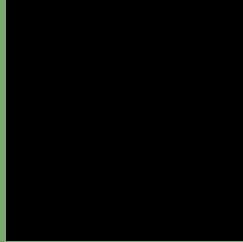
Any Text WCAG AA ✓ Pass

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 148.9760, -17.2432, -22.7810 Background



This preview shows how black text looks on a background with the YUV color 148.9760, -17.2432, -22.7810.



This preview shows how white text looks on a background with the YUV color 148.9760, -17.2432, -22.7810.

-22.7810.

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

148.9760, -17.2432, -22.7810

Protanopia

155.1160, -22.7352, 12.1763

Deuteranopia

156.5180, -18.9894, 24.1017



Tritanopia

154.1100, 9.8058, -18.5135

Trichromacy



Original Color

148.9760, -17.2432, -22.7810

Protanomaly

152.6090, -20.5132, -0.5341

Deuteranomaly

153.9350, -18.2090, 7.0730

Tritanomaly

152.1670, -0.0823, -20.3175

Monochromacy



Original Color

148.9760, -17.2432, -22.7810

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9360, -6.3774, -7.8369

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.9760, -17.2432, -22.7810 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(123, 169, 114)` looks like.

```
.text, #text, p{  
    color:rgb(123, 169, 114)  
}
```

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(123, 169, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 169, 114) }
```

Border

The CSS property to change the border of an element to YUV 148.9760, -17.2432, -22.7810 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(123, 169, 114) }
```


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

```
.border{ border-color:rgb(123, 169, 114) }
```

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

Here you see how a box with a 4 pixel rgb(123, 169, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 169, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 169, 114);  
box-shadow:4px 4px 4px 4px rgb(123, 169,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 148.9760, -17.2432, -22.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 169, 114) }
```

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

```
.background{ background-color: rgb(123,  
169, 114) }
```

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