

Converting Colors

YUV(117.1760, -20.2998,
24.4016)

Have a look what the booklet for
YUV(117.1760, -20.2998, 24.4016)
contains.

YUV(117.1760, -20.2998, 24.4016)	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(117.1760, -20.2998,
24.4016)**

Conversions

Conversions Part 1

Format	Color
Hex	916F4C
RGB	145, 111, 76
RGB Percent	57%, 44%, 30%
CMY	0.4314, 0.5647, 0.7020
CMYK	0.00, 0.23, 0.48, 0.43
HSL	30°, 31%, 43%
HSV	30°, 48%, 57%
XYZ	18.6660, 17.9104, 9.3107
YIQ	117.1760, 31.4990, -3.6770

Conversions

Conversions Part 2

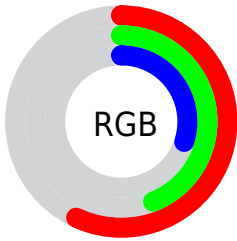
Format	Color
R_YB	143, 145, 76
Decimal	9531212
CIE Lab	49.39, 8.79, 24.62
CIE LCh	49, 26.145, 70.358
Yxy	17.9104, 0.4068, 0.3903
Android (android.graphics.Color)	4287721292 (0xFF916F4C)
YUV	117.1760, -20.2998, 24.4016
Hunter-Lab	42.3207, 4.6681, 16.5805

Details

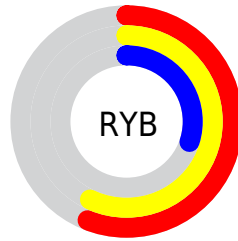
The YUV color **117.1760, -20.2998, 24.4016** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **103.8240, 20.2998, -24.4016**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7310, -22.0524, 26.5459**, and **68.0230, -18.2523, 21.0278** is the 20% darker color. If you saturate the color by 10%, you get **111.4710, -24.3892, 29.4049**, and if you desaturate by 10%, it is **122.9950, -15.7735, 19.2984**.

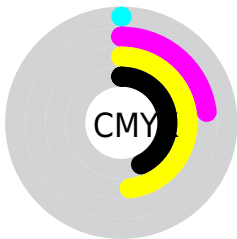
Distribution



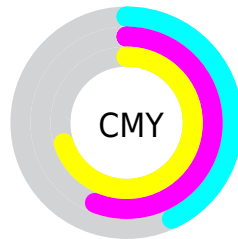
- Red (57%)
- Green (44%)
- Blue (30%)



- Red (56%)
- Yellow (57%)
- Blue (30%)



- Cyan (0%)
- Magenta (23%)
- Yellow (48%)
- Black (43%)



- Cyan (43%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1760, -20.2998, 24.4016 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 117.1760, -20.2998, 24.4016 by changing the saturation by 10% instead.

■ 117.1760,
-20.2998, 24.4016

■ 117.1760,
-20.2998, 24.4016

■ 255.0000, 0.0000,
0.0000

■ 92.3930, -19.4207,
22.4573

■ 169.7310,
-22.0524, 26.5459

■ 68.0230, -18.2523,
21.0278

■ 197.2150,
-22.7840, 27.8754

■ 45.0120, -18.2469,
19.2835

■ 223.9160,
-22.6366, 27.2607

■ 25.1840, -12.4157,
15.6246

■ 244.1310,
-18.7986, 9.5321

■ 4.4850, -2.2111,
9.2217

■ 252.6060, -9.1728,
2.0995

■ 0.0000, 0.0000,
0.0000

■ 117.1760,
-20.2998, 24.4016

■ 117.1760,
-20.2998, 24.4016

■ 111.4710,
-24.3892, 29.4049

■ 122.9950,
-15.7735, 19.2984

■ 105.6520,
-28.9154, 34.5082

■ 128.7000,
-11.6841, 14.2951

■ 99.9470, -33.0049,
39.5115

■ 134.4050, -7.5947,
9.2918

■ 93.5410, -37.2417,
45.1295

■ 140.8110, -3.3578,
3.6738

■ 87.8360, -41.3311,
50.1328

■ 146.5160, 0.7316,
-1.3295

■ 86.7930, -42.7889,
51.0475

■ 152.3350, 5.2578,
-6.4328

■ 158.0400, 9.3473,
-11.4361

■ 163.8590, 13.8735,

-16.5393

■ 169.6780, 18.3997,
-21.6426

Harmonies

Analogous

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



118.5500, -14.0751, 34.5977



117.1760, -20.2998, 24.4016



115.5500, -20.9771, 8.2877

Triad

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



117.1760, -20.2998, 24.4016



104.0260, 10.3402, -50.0118



120.0670, 15.2500, 8.7112

Complementary

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



117.1760, -20.2998, 24.4016



103.8240, 20.2998, -24.4016

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.



116.6340, 21.8724, -15.4650



117.1760, -20.2998, 24.4016



103.0280, 20.6922, -57.0296

Square

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



117.1760, -20.2998, 24.4016



108.8900, -3.3968, -30.5985



109.7510, 24.2798, -41.0006



120.4840, 6.1704, 27.6395

Rectangle

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



117.1760, -20.2998, 24.4016



113.6840, -17.5922, -4.1079



109.7510, 24.2798, -41.0006



119.7070, 17.8924, 1.1340

Sweetspot

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



117.1760, -20.2998, 24.4016



178.2910, -8.0315, 9.3918



100.5070, 4.6800, 39.0204



87.4800, -4.6736, 5.7180



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



117.1760, -20.2998, 24.4016



145.5770, -31.8365, 38.0820



137.1340, -30.1391, 6.8985



68.4410, -2.1894, 2.2442



80.8680, -39.8679, 47.4738



4.7400, -2.3368, 2.8590

Inverse Universe

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



103.8240, 20.2998, -24.4016



124.4230, 31.8365, -38.0820



83.8660, 30.1391, -6.8985



67.1460, 1.9000, -2.7590



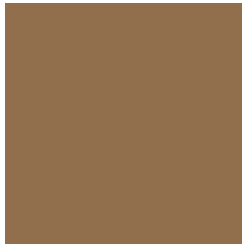
54.7190, 39.5785, -47.9886



3.2600, 2.3368, -2.8590

Previews

White Background



This preview shows how the YUV color 117.1760, -20.2998, 24.4016 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 117.1760, -20.2998, 24.4016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

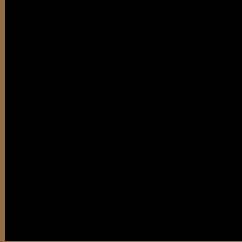
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.1760, -20.2998, 24.4016

Background



This preview shows how black text looks on a background with the YUV color 117.1760, -20.2998, 24.4016.



This preview shows how white text looks on a background with the YUV color 117.1760, -20.2998, 24.4016.

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

117.1760, -20.2998, 24.4016

Protanopia

116.5440, -18.5092, 10.0469

Deuteranopia

116.8660, -20.1469, 22.0425



Tritanopia

119.4700, -2.6967, 25.0208

Trichromacy



Original Color

117.1760, -20.2998, 24.4016

Protanomaly

116.4630, -18.9623, 15.3799

Deuteranomaly

117.1650, -20.2943, 22.6573

Tritanomaly

118.7490, -9.2433, 24.7761

Monochromacy



Original Color

117.1760, -20.2998, 24.4016

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1060, -7.4473, 8.6770

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1760, -20.2998, 24.4016 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(145, 111, 76)` looks like.

```
.text, #text, p{  
    color:rgb(145, 111, 76)  
}
```

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(145, 111, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 111, 76) }
```

Border

The CSS property to change the border of an element to YUV 117.1760, -20.2998, 24.4016 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(145, 111, 76) }
```


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

```
.border{ border-color:rgb(145, 111, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 111, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 111, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 111, 76);  
box-shadow:4px 4px 4px 4px rgb(145, 111,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 117.1760, -20.2998, 24.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 111, 76) }
```

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

```
.background{ background-color: rgb(145,  
111, 76) }
```

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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