

Converting Colors

YUV(117.6630, -12.1589,
26.6055)

Have a look what the booklet for
YUV(117.6630, -12.1589, 26.6055)
contains.

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Color

**YUV(117.6630, -12.1589,
26.6055)**

Conversions

Conversions Part 1

Format	Color
Hex	946B5D
RGB	148, 107, 93
RGB Percent	58%, 42%, 36%
CMY	0.4196, 0.5804, 0.6353
CMYK	0.00, 0.28, 0.37, 0.42
HSL	15°, 23%, 47%
HSV	15°, 37%, 58%
XYZ	19.4462, 17.6016, 12.7284
YIQ	117.6630, 28.9300, 4.3380

Conversions

Conversions Part 2

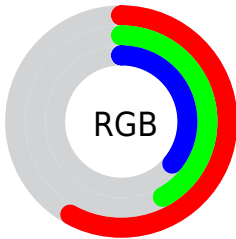
Format	Color
R_{YB}	148, 112, 93
Decimal	9726813
CIE _{Lab}	49.01, 14.41, 14.29
CIE _{LCh}	49, 20.298, 44.763
Yxy	17.6016, 0.3907, 0.3536
Android (android.graphics.Color)	4287916893 (0xFF946B5D)
YUV	117.6630, -12.1589, 26.6055
Hunter-Lab	41.9543, 9.3166, 11.3801

Details

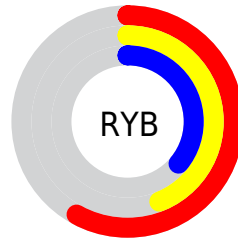
The YUV color $117.6630, -12.1589, 26.6055$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $123.3370, 12.1589, -26.6055$, and the grayscale version is $118.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $170.3320, -13.4747, 28.6498$, and $68.6950, -10.6956, 23.9465$ is the 20% darker color. If you saturate the color by 10%, you get $109.4960, -15.5275, 33.7680$, and if you desaturate by 10%, it is $125.8300, -8.7902, 19.4431$.

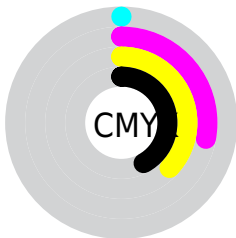
Distribution



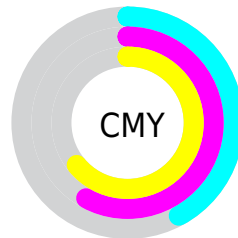
- Red (58%)
- Green (42%)
- Blue (36%)



- Red (58%)
- Yellow (44%)
- Blue (36%)



- Cyan (0%)
- Magenta (28%)
- Yellow (37%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.6630, -12.1589, 26.6055 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 117.6630, -12.1589, 26.6055 by changing the saturation by 10% instead.

■ 117.6630,
-12.1589, 26.6055

■ 117.6630,
-12.1589, 26.6055

255.0000, 0.0000,
0.0000

■ 92.7660, -11.7166,
24.7612

■ 170.3320,
-13.4747, 28.6498

■ 68.6950, -10.6956,
23.9465

■ 197.9300,
-13.7695, 29.8794

■ 45.9120, -9.8166,
22.0022

■ 223.7340,
-13.1799, 27.4203

■ 23.7440, -11.7058,
21.2725

■ 243.9490, -9.3419,
9.6917

■ 6.5780, -3.2430,
13.5251

254.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 117.6630,
-12.1589, 26.6055

■ 117.6630,
-12.1589, 26.6055

■ 109.4960,
-15.5275, 33.7680

■ 125.8300, -8.7902,
19.4431

■ 101.3290,
-18.8962, 40.9305

■ 133.9970, -5.4215,
12.2806

■ 93.2760, -21.8281,
47.9929

■ 142.0500, -2.4896,
5.2182

■ 85.1090, -25.1967,
55.1554

■ 150.2170, 0.8790,
-1.9443

■ 76.9420, -28.5654,
62.3179

■ 158.3840, 4.2477,
-9.1068

■ 68.7750, -31.9341,
69.4803

■ 166.5510, 7.6164,
-16.2692

■ 66.5580, -32.8131,
71.4246

■ 174.7180, 10.9850,
-23.4317

■ 182.7710, 13.9169,

-30.4942

■ 190.9380, 17.2856,
-37.6566

Harmonies

Analogous

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



118.5090, -5.1809, 28.4946



117.6630, -12.1589, 26.6055



116.2830, -15.9155, 18.1688

Triad

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



117.6630, -12.1589, 26.6055



109.7920, -1.3765, -25.2506



116.4840, 16.0304, -8.3175

Complementary

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



117.6630, -12.1589, 26.6055



123.3370, 12.1589, -26.6055

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.



112.8300, 17.8318, -26.1609



117.6630, -12.1589, 26.6055



108.2450, 8.2602, -36.1719

Square

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



117.6630, -12.1589, 26.6055



112.8880, -10.2978, -10.4258



108.4820, 15.5384, -37.2567



118.9270, 10.8820, 9.7110

Rectangle

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



117.6630, -12.1589, 26.6055



115.1140, -16.3252, 9.5470



108.4820, 15.5384, -37.2567



115.3800, 17.0677, -14.3653

Sweetspot

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



117.6630, -12.1589, 26.6055



179.8010, -4.8319, 9.8215



114.1190, 9.8013, 29.7136



90.2350, -3.0739, 5.9329



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



117.6630, -12.1589, 26.6055



143.6280, -19.0436, 41.5452



133.5120, -19.9724, 12.7060



69.6800, -1.3212, 3.7886



61.8070, -30.4709, 66.8213



4.7510, -2.3422, 4.6034

Inverse Universe

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



123.3370, 12.1589, -26.6055



152.3720, 19.0436, -41.5452



107.4880, 19.9724, -12.7060



70.7330, 1.6106, -3.2738



76.1930, 30.4709, -66.8213



5.8360, 2.0529, -5.1182

Previews

White Background



This preview shows how the YUV color 117.6630, -12.1589, 26.6055 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 117.6630, -12.1589, 26.6055 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 117.6630, -12.1589, 26.6055

Background



This preview shows how black text looks on a background with the YUV color 117.6630, -12.1589, 26.6055.

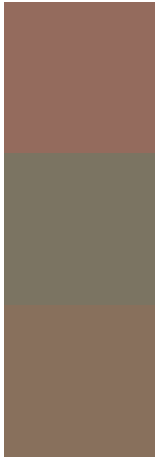


This preview shows how white text looks on a background with the YUV color 117.6630, -12.1589,

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

117.6630, -12.1589, 26.6055

Protanopia

116.0410, -8.8942, 6.1030

Deuteranopia

116.8960, -12.2737, 16.7542



Tritanopia

118.6660, -3.2863, 27.4799

Trichromacy



Original Color

117.6630, -12.1589, 26.6055

Protanomaly

116.7430, -10.2263, 13.3804

Deuteranomaly

116.9180, -12.2846, 20.2429

Tritanomaly

118.1560, -6.4859, 27.0502

Monochromacy



Original Color

117.6630, -12.1589, 26.6055

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9150, -4.3951, 9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6630, -12.1589, 26.6055 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(148, 107, 93)` looks like.

```
.text, #text, p{  
    color:rgb(148, 107, 93)  
}
```

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(148, 107, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 107, 93) }
```

Border

The CSS property to change the border of an element to YUV 117.6630, -12.1589, 26.6055 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(148, 107, 93) }
```


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

```
.border{ border-color:rgb(148, 107, 93) }
```

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

Here you see how a box with a 4 pixel rgb(148, 107, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 107, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 107, 93);  
box-shadow:4px 4px 4px 4px rgb(148, 107,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 117.6630, -12.1589, 26.6055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 107, 93) }
```

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

```
.background{ background-color: rgb(148,  
107, 93) }
```

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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