

Converting Colors

YUV(116.2260, -9.4784, 6.8178)

Have a look what the booklet for
YUV(116.2260, -9.4784, 6.8178)
contains.

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Color

**YUV(116.2260, -9.4784,
6.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7461
RGB	124, 116, 97
RGB Percent	49%, 45%, 38%
CMY	0.5137, 0.5451, 0.6196
CMYK	0.00, 0.06, 0.22, 0.51
HSL	42°, 12%, 43%
HSV	42°, 22%, 49%
XYZ	16.7152, 17.6389, 13.8329
YIQ	116.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

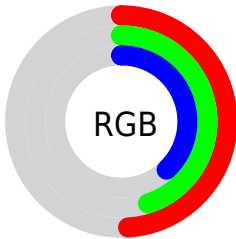
Format	Color
R_{YB}	108, 124, 97
Decimal	8156257
CIE Lab	49.06, -0.28, 11.62
CIE LCh	49, 11.625, 91.376
Yxy	17.6389, 0.3469, 0.3661
Android (android.graphics.Color)	4286346337 (0xFF7C7461)
YUV	116.2260, -9.4784, 6.8178
Hunter-Lab	41.9987, -2.4559, 9.8710

Details

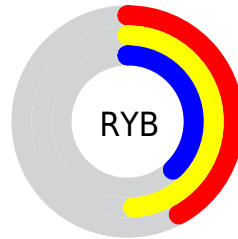
The YUV color **116.2260, -9.4784, 6.8178** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104.7740, 9.4784, -6.8178**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4110, -10.0626, 7.5326**, and **68.1550, -8.4574, 6.0031** is the 20% darker color. If you saturate the color by 10%, you get **112.5100, -13.5624, 10.0767**, and if you desaturate by 10%, it is **119.9420, -5.3944, 3.5589**.

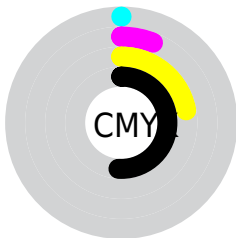
Distribution



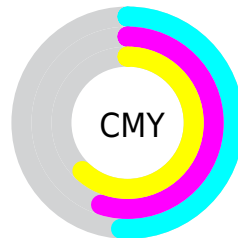
- Red (49%)
- Green (45%)
- Blue (38%)



- Red (42%)
- Yellow (49%)
- Blue (38%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2260, -9.4784, 6.8178 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 116.2260, -9.4784, 6.8178 by changing the saturation by 10% instead.

■ 116.2260, -9.4784,
6.8178

■ 116.2260, -9.4784,
6.8178

255.0000, 0.0000,
0.0000

■ 91.3400, -9.0416,
6.7178

■ 168.4110,
-10.0626, 7.5326

■ 68.1550, -8.4574,
6.0031

■ 195.2970,
-10.4994, 7.6325

■ 45.8560, -8.3100,
5.3883

■ 223.5960,
-10.6468, 8.2473

■ 24.5140, -9.6204,
5.6882

■ 250.3890,
-10.0518, 4.0438

■ 0.0000, 0.0000,
0.0000

■ 116.2260, -9.4784,

■ 116.2260, -9.4784,

6.8178

■ 112.5100,
-13.5624, 10.0767

■ 109.2670,
-18.3726, 12.9208

■ 105.5510,
-22.4566, 16.1798

■ 101.7210,
-26.9775, 19.5387

■ 98.5920, -31.3509,
22.2828

■ 94.8760, -35.4349,
25.5417

■ 91.0460, -39.9557,
28.9007

■ 88.1450, -43.4555,
31.4448

6.8178

■ 119.9420, -5.3944,
3.5589

■ 123.1850, -0.5842,
0.7148

■ 126.9010, 3.4998,
-2.5442

■ 130.7310, 8.0206,
-5.9031

■ 133.8600, 12.3940,
-8.6472

■ 137.5760, 16.4780,
-11.9062

■ 141.4060, 20.9988,
-15.2651

■ 144.5350, 25.3722,
-18.0092

■ 148.3650, 29.8931,
-21.3681

Harmonies

Analogous

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



117.4980, -8.6265, 13.5953



116.2260, -9.4784, 6.8178



115.0400, -7.4147, -1.7891

Triad

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



116.2260, -9.4784, 6.8178



113.1870, 6.3168, -19.4580



118.3910, 3.7512, 10.1811

Complementary

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



116.2260, -9.4784, 6.8178



104.7740, 9.4784, -6.8178

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.



117.6610, 7.5621, 1.1743



116.2260, -9.4784, 6.8178



114.3060, 9.2161, -16.0544

Square

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



116.2260, -9.4784, 6.8178



113.0580, 1.9434, -16.7139



115.8770, 9.9206, -8.6621



118.4580, -1.2118, 15.3843

Rectangle

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



116.2260, -9.4784, 6.8178



114.5770, -5.2145, -7.5220



115.8770, 9.9206, -8.6621



118.4230, 5.2145, 7.5220

Sweetspot

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



116.2260, -9.4784, 6.8178



157.2840, -4.0840, 3.2589



105.9850, -0.4856, 15.7992



80.0280, -2.4788, 1.7294



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



116.2260, -9.4784, 6.8178



148.5810, -14.5834, 10.8915



119.4270, -11.0565, -0.3745



59.1420, -2.0420, 1.6295



89.0310, -43.8923, 31.5448



179.8340, -88.6582, 63.2896

Inverse Universe

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



104.7740, 9.4784, -6.8178



130.8320, 14.8728, -10.3767



101.5730, 11.0565, 0.3745



56.8580, 2.0420, -1.6295



35.9690, 43.8923, -31.5448



72.7530, 88.3688, -63.8044

Previews

White Background



This preview shows how the YUV color 116.2260, -9.4784, 6.8178 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 116.2260, -9.4784, 6.8178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

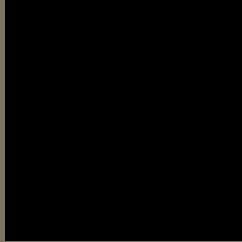
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

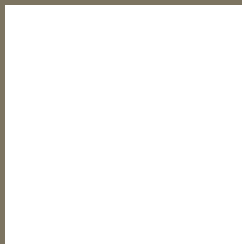
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 116.2260, -9.4784, 6.8178

Background



This preview shows how black text looks on a background with the YUV color 116.2260, -9.4784, 6.8178.



This preview shows how white text looks on a background with the YUV color 116.2260, -9.4784,

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

116.2260, -9.4784, 6.8178

Protanopia

115.9270, -9.3310, 6.2030

Deuteranopia

116.9820, -9.3581, 14.9248



Tritanopia

118.0980, 1.4307, 7.8071

Trichromacy



Original Color

116.2260, -9.4784, 6.8178

Protanomaly

115.9270, -9.3310, 6.2030

Deuteranomaly

116.3730, -9.0579, 11.9509

Tritanomaly

117.3600, -2.6425, 7.5773

Monochromacy



Original Color

116.2260, -9.4784, 6.8178

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0990, -3.4998, 2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2260, -9.4784, 6.8178 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(124, 116, 97)` looks like.

```
.text, #text, p{  
    color:rgb(124, 116, 97)  
}
```

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(124, 116, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 116, 97) }
```

Border

The CSS property to change the border of an element to YUV 116.2260, -9.4784, 6.8178 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(124, 116, 97) }
```


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

```
.border{ border-color:rgb(124, 116, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 116, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 116, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 116, 97);  
box-shadow:4px 4px 4px 4px rgb(124, 116,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 116.2260, -9.4784, 6.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 116, 97) }
```

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

```
.background{ background-color: rgb(124,  
116, 97) }
```

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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