

Converting Colors

YUV(116.1440, -8.4520, 4.2587)

Have a look what the booklet for
YUV(116.1440, -8.4520, 4.2587)
contains.

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Color

**YUV(116.1440, -8.4520,
4.2587)**

Conversions

Conversions Part 1

Format	Color
Hex	797563
RGB	121, 117, 99
RGB Percent	47%, 46%, 39%
CMY	0.5255, 0.5412, 0.6118
CMYK	0.00, 0.03, 0.18, 0.53
HSL	49°, 10%, 43%
HSV	49°, 18%, 47%
XYZ	16.4986, 17.6884, 14.3490
YIQ	116.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

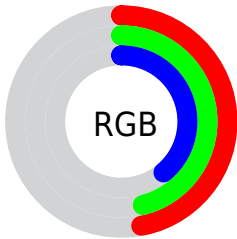
Format	Color
R_{YB}	104, 121, 99
Decimal	7959907
CIE Lab	49.12, -1.76, 10.49
CIE LCh	49, 10.638, 99.505
Yxy	17.6884, 0.3399, 0.3644
Android (android.graphics.Color)	4286149987 (0xFF797563)
YUV	116.1440, -8.4520, 4.2587
Hunter-Lab	42.0576, -3.5777, 9.2120

Details

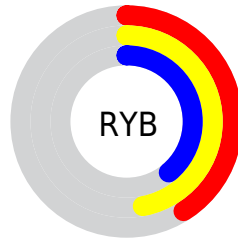
The YUV color **116.1440, -8.4520, 4.2587** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103.8560, 8.4520, -4.2587**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0300, -8.8888, 4.3587**, and **67.9590, -7.8678, 3.5440** is the 20% darker color. If you saturate the color by 10%, you get **113.6020, -13.1148, 6.4880**, and if you desaturate by 10%, it is **118.6860, -3.7892, 2.0294**.

Distribution



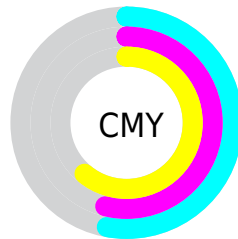
- Red (47%)
- Green (46%)
- Blue (39%)



- Red (41%)
- Yellow (47%)
- Blue (39%)



- Cyan (0%)
- Magenta (3%)
- Yellow (18%)
- Black (53%)



- Cyan (53%)
- Magenta (54%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.1440, -8.4520, 4.2587 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 116.1440, -8.4520, 4.2587 by changing the saturation by 10% instead.

■ 116.1440, -8.4520,
4.2587

■ 116.1440, -8.4520,
4.2587

■ 255.0000, 0.0000,
0.0000

■ 91.2580, -8.0152,
4.1587

■ 168.0300, -8.8888,
4.3587

■ 67.9590, -7.8678,
3.5440

■ 195.2150, -9.4730,
5.0734

■ 46.0730, -7.4310,
3.4440

■ 223.2150, -9.4730,
5.0734

■ 24.8450, -8.3046,
3.6439

■ 251.2040, -9.4676,
3.3291

■ 0.0000, 0.0000,
0.0000

■ 116.1440, -8.4520,

■ 116.1440, -8.4520,

4.2587

■ 113.6020,
-13.1148, 6.4880

■ 111.0600,
-17.7776, 8.7174

■ 107.9310,
-22.1510, 11.4615

■ 105.3890,
-26.8138, 13.6908

■ 102.8470,
-31.4766, 15.9202

■ 100.1910,
-36.5762, 18.2495

■ 97.6490, -41.2390,
20.4788

■ 94.5200, -45.6124,
23.2230

4.2587

■ 118.6860, -3.7892,
2.0294

■ 121.2280, 0.8736,
-0.2000

■ 124.3570, 5.2470,
-2.9441

■ 126.8990, 9.9098,
-5.1734

■ 129.5550, 15.0094,
-7.5027

■ 132.0970, 19.6722,
-9.7321

■ 134.6390, 24.3350,
-11.9614

■ 137.7680, 28.7084,
-14.7055

■ 94.2920, -46.4860,
23.4229

■ 140.3100, 33.3712,
-16.9349

Harmonies

Analogous

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



117.1880, -8.4737, 11.2361



116.1440, -8.4520, 4.2587



115.3710, -6.0989, -3.8334

Triad

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



116.1440, -8.4520, 4.2587



113.7250, 7.0376, -17.2988



118.3480, 2.2934, 11.0958

Complementary

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



116.1440, -8.4520, 4.2587



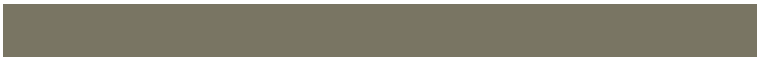
103.8560, 8.4520, -4.2587

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.



118.3300, 6.2463, 3.2186



116.1440, -8.4520, 4.2587



114.9150, 8.9159, -13.0805

Square

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



116.1440, -8.4520, 4.2587



113.5850, 2.6696, -16.2990



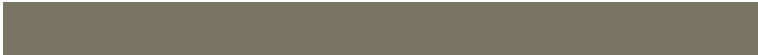
117.1440, 8.3100, -5.3883



118.8170, -2.3748, 15.0695

Rectangle

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



116.1440, -8.4520, 4.2587



114.3210, -3.6093, -9.0515



117.1440, 8.3100, -5.3883



118.3800, 3.7567, 8.4367

Sweetspot

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



116.1440, -8.4520, 4.2587



156.5010, -3.2050, 1.3146



106.0340, -1.4958, 13.1252



77.8430, -1.8946, 1.0147



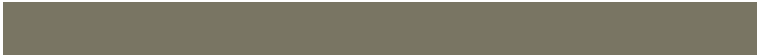
207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



116.1440, -8.4520, 4.2587



150.4880, -13.5516, 6.5880



116.3990, -8.5777, -2.1039



59.7290, -2.3314, 1.1147



97.2490, -47.9438, 24.3376



196.8570, -97.0505, 48.3604

Inverse Universe

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



103.8560, 8.4520, -4.2587



131.0990, 13.2622, -7.1028



103.6010, 8.5777, 2.1039



56.2710, 2.3314, -1.1147



27.7510, 47.9438, -24.3376



55.7300, 96.7611, -48.8752

Previews

White Background



This preview shows how the YUV color 116.1440, -8.4520, 4.2587 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 116.1440, -8.4520, 4.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

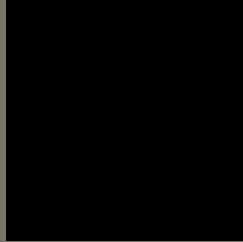
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.1440, -8.4520, 4.2587

Background



This preview shows how black text looks on a background with the YUV color 116.1440, -8.4520, 4.2587.



This preview shows how white text looks on a background with the YUV color 116.1440, -8.4520,

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

116.1440, -8.4520, 4.2587

Protanopia

116.1550, -8.4574, 6.0031

Deuteranopia

117.2100, -8.4845, 14.7248



Tritanopia

118.0160, 2.4571, 5.2480

Trichromacy



Original Color

116.1440, -8.4520, 4.2587

Protanomaly

115.8560, -8.3100, 5.3883

Deuteranomaly

116.8890, -8.3263, 10.6213

Tritanomaly

117.2780, -1.6161, 5.0182

Monochromacy



Original Color

116.1440, -8.4520, 4.2587

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9140, -2.9156, 1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.1440, -8.4520, 4.2587 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(121, 117, 99)` looks like.

```
.text, #text, p{  
    color:rgb(121, 117, 99)  
}
```

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(121, 117, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 117, 99) }
```

Border

The CSS property to change the border of an element to YUV 116.1440, -8.4520, 4.2587 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(121, 117, 99) }
```


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

```
.border{ border-color:rgb(121, 117, 99) }
```

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

Here you see how a box with a 4 pixel rgb(121, 117, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 117, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 117, 99);  
box-shadow:4px 4px 4px 4px rgb(121, 117,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 116.1440, -8.4520, 4.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 117, 99) }
```

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

```
.background{ background-color: rgb(121,  
117, 99) }
```

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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