

Converting Colors

YUV(115.6140, -1.2887, -6.6775)

Have a look what the booklet for
YUV(115.6140, -1.2887, -6.6775)
contains.

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Color

**YUV(115.6140, -1.2887,
-6.6775)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7871
RGB	108, 120, 113
RGB Percent	42%, 47%, 44%
CMY	0.5765, 0.5294, 0.5569
CMYK	0.10, 0.00, 0.06, 0.53
HSL	145°, 5%, 45%
HSV	145°, 10%, 47%
XYZ	15.8814, 17.8133, 18.2241
YIQ	115.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

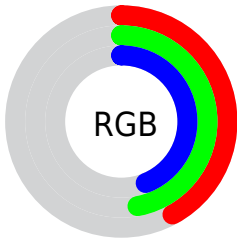
Format	Color
RYB	108, 116, 120
Decimal	7108721
CIELab	49.27, -5.94, 2.31
CIElCh	49, 6.373, 158.716
Yxy	17.8133, 0.3059, 0.3431
Android (android.graphics.Color)	4285298801 (0xFF6C7871)
YUV	115.6140, -1.2887, -6.6775
Hunter-Lab	42.2059, -6.6933, 3.9433

Details

The YUV color **115.6140, -1.2887, -6.6775** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.3860, 1.2887, 6.6775**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3150, -1.1413, -7.2923**, and **67.9130, -1.4361, -6.0627** is the 20% darker color. If you saturate the color by 10%, you get **111.2280, -2.5774, -13.3550**, and if you desaturate by 10%, it is **120.0000, 0.0000, 0.0000**.

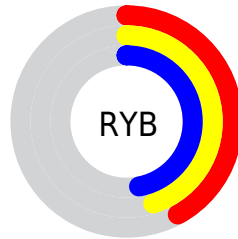
Distribution



Red (42%)

Green (47%)

Blue (44%)



Red (42%)

Yellow (45%)

Blue (47%)

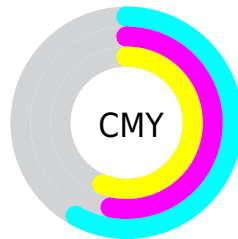


Cyan (10%)

Magenta (0%)

Yellow (6%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.6140, -1.2887, -6.6775 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 115.6140, -1.2887, -6.6775 by changing the saturation by 10% instead.

■ 115.6140, -1.2887,
-6.6775

■ 115.6140, -1.2887,
-6.6775

255.0000, 0.0000,
0.0000

■ 91.0270, -0.9993,
-6.1627

■ 167.3150, -1.1413,
-7.2923

■ 67.9130, -1.4361,
-6.0627

■ 194.9020, -1.4307,
-7.8071

■ 45.3260, -1.1467,
-5.5479

■ 222.9020, -1.4307,
-7.8071

■ 24.4400, -0.7099,
-5.6479

■ 250.6140, -1.2887,
-6.6775

■ 0.0000, 0.0000,
0.0000

■ 115.6140, -1.2887,

■ 115.6140, -1.2887,

-6.6775

-6.6775

■ 111.2280, -2.5774,
-13.3550

■ 120.0000, 0.0000,
0.0000

■ 106.8420, -3.8661,
-20.0324

■ 124.3860, 1.2887,
6.6775

■ 102.4560, -5.1548,
-26.7099

■ 128.7720, 2.5774,
13.3550

■ 98.0700, -6.4435,
-33.3874

■ 133.1580, 3.8661,
20.0324

■ 93.6840, -7.7322,
-40.0649

■ 137.5440, 5.1548,
26.7099

■ 89.2980, -9.0209,
-46.7423

■ 141.9300, 6.4435,
33.3874

■ 84.9120, -10.3096,
-53.4198

■ 146.3160, 7.7322,
40.0649

■ 80.5260, -11.5983,
-60.0973

■ 150.7020, 9.0209,
46.7423

■ 76.1400, -12.8870,
-66.7748

■ 155.0880, 10.3096,
53.4198

Harmonies

Analogous

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



116.3650, -3.6309, -2.0741



115.6140, -1.2887, -6.6775



114.9880, 1.4849, -9.6365

Triad

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



115.6140, -1.2887, -6.6775



117.0580, 5.3944, -3.5589



117.8440, -3.3741, 8.9068

Complementary

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



115.6140, -1.2887, -6.6775



112.3860, 1.2887, 6.6775

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.



118.1260, -1.0481, 9.5365



115.6140, -1.2887, -6.6775



117.7490, 4.0677, 1.9741

Square

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



115.6140, -1.2887, -6.6775



116.6230, 5.1159, -7.5624



118.3860, 1.2887, 6.6775



117.0780, -4.9685, 6.9476

Rectangle

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



115.6140, -1.2887, -6.6775



115.4440, 3.2321, -10.0364



118.3860, 1.2887, 6.6775



118.2570, -3.0847, 9.4216

Sweetspot

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



115.6140, -1.2887, -6.6775



154.1630, -0.5734, -2.7740



117.1370, -4.5045, -1.8741



77.8750, -0.4314, -1.6444



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.



115.6140, -1.2887, -6.6775



149.0650, -2.0040, -10.5810



116.2980, 1.3321, -7.2773



58.8640, -0.4260, -3.3887



79.3030, -13.4604, -69.5487



159.8940, -27.0627, -140.2270

Inverse Universe

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



112.3860, 1.2887, 6.6775



143.9350, 2.0040, 10.5810



111.7020, -1.3321, 7.2773



57.2500, 0.8628, 3.2887



45.6970, 13.4604, 69.5487



92.1060, 27.0627, 140.2270

Previews

White Background



This preview shows how the YUV color 115.6140, -1.2887, -6.6775 looks on a white background.

Color Contrast Check

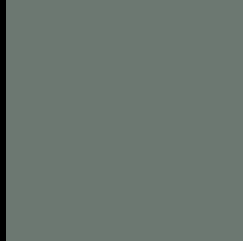
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.6140, -1.2887, -6.6775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

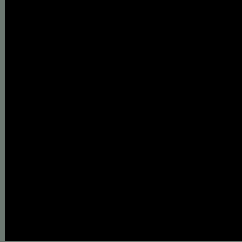
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

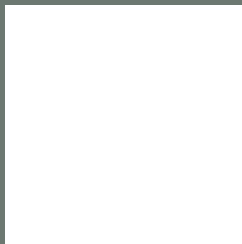
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 115.6140, -1.2887, -6.6775

Background



This preview shows how black text looks on a background with the YUV color 115.6140, -1.2887, -6.6775.



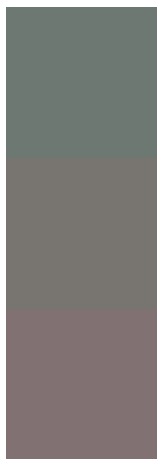
This preview shows how white text looks on a background with the YUV color 115.6140, -1.2887, -6.6775.

-6.6775.

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

115.6140, -1.2887, -6.6775

Protanopia

116.6260, -2.7736, 2.9590

Deuteranopia

117.8980, -1.9217, 9.7365



Tritanopia

116.6340, 5.1104, -5.8180

Trichromacy



Original Color

115.6140, -1.2887, -6.6775

Protanomaly

116.1310, -2.0366, -0.1149

Deuteranomaly

117.2670, -1.6106, 3.2738

Tritanomaly

116.3520, 2.7845, -6.4477

Monochromacy



Original Color

115.6140, -1.2887, -6.6775

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.5760, -0.2840, -2.2592

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6140, -1.2887, -6.6775 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(108, 120, 113)` looks like.

```
.text, #text, p{  
    color:rgb(108, 120, 113)  
}
```

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(108, 120, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 120, 113) }
```

Border

The CSS property to change the border of an element to YUV 115.6140, -1.2887, -6.6775 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(108, 120, 113) }
```


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

```
.border{ border-color:rgb(108, 120, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 120, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 120, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 120, 113);  
box-shadow:4px 4px 4px 4px rgb(108, 120,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 115.6140, -1.2887, -6.6775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 120, 113) }
```

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

```
.background{ background-color: rgb(108,  
120, 113) }
```

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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