

Converting Colors

YUV(113.1600, -26.2079,
5.9987)

Have a look what the booklet for
YUV(113.1600, -26.2079, 5.9987)
contains.

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Color

**YUV(113.1600, -26.2079,
5.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	78783C
RGB	120, 120, 60
RGB Percent	47%, 47%, 24%
CMY	0.5294, 0.5294, 0.7647
CMYK	0.00, 0.00, 0.50, 0.53
HSL	60°, 33%, 35%
HSV	60°, 50%, 47%
XYZ	15.2778, 17.7523, 6.8963
YIQ	113.1600, 19.2600, -18.6600

Conversions

Conversions Part 2

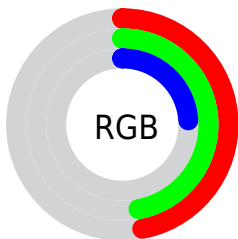
Format	Color
RYB	60, 120, 60
Decimal	7895100
CIELab	49.19, -9.15, 32.68
CIELCh	49, 33.938, 105.641
Yxy	17.7523, 0.3826, 0.4446
Android (android.graphics.Color)	4286085180 (0xFF78783C)
YUV	113.1600, -26.2079, 5.9987
Hunter-Lab	42.1334, -9.0084, 19.7890

Details

The YUV color **113.1600, -26.2079, 5.9987** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **66.8400, 26.2079, -5.9987**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4160, -27.8131, 7.5282**, and **64.6760, -25.4763, 4.6691** is the 20% darker color. If you saturate the color by 10%, you get **111.7920, -31.4495, 7.1984**, and if you desaturate by 10%, it is **114.5280, -20.9663, 4.7989**.

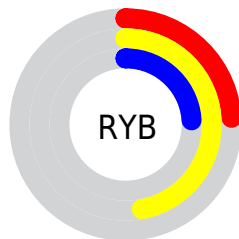
Distribution



Red (47%)

Green (47%)

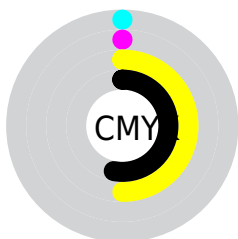
Blue (24%)



Red (24%)

Yellow (47%)

Blue (24%)

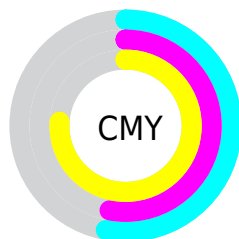


Cyan (0%)

Magenta (0%)

Yellow (50%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.1600, -26.2079, 5.9987 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 113.1600, -26.2079, 5.9987 by changing the saturation by 10% instead.

■ 113.1600,
-26.2079, 5.9987

■ 113.1600,
-26.2079, 5.9987

■ 255.0000, 0.0000,
0.0000

■ 88.0890, -25.1869,
5.1839

■ 165.4160,
-27.8131, 7.5282

■ 64.6760, -25.4763,
4.6691

■ 192.3020,
-28.2499, 7.6281

■ 42.8160, -21.1083,
3.6694

■ 220.3730,
-29.2709, 8.4429

■ 23.9000, -11.7827,
-0.7893

■ 247.4760,
-28.8287, 6.5985

■ 0.0000, 0.0000,
0.0000

■ 250.6680,
-16.5983, 3.7992

■ 253.8600, -4.3680,

0.9998

■ 113.1600,
-26.2079, 5.9987

■ 113.1600,
-26.2079, 5.9987

■ 111.7920,
-31.4495, 7.1984

■ 114.5280,
-20.9663, 4.7989

■ 110.4240,
-36.6910, 8.3982

■ 115.8960,
-15.7247, 3.5992

■ 109.0560,
-41.9326, 9.5979

■ 117.2640,
-10.4832, 2.3995

■ 107.6880,
-47.1742, 10.7976

■ 118.6320, -5.2416,
1.1997

■ 106.3200,
-52.4158, 11.9974

■ 120.0000, 0.0000,
0.0000

■ 121.3680, 5.2416,
-1.1997

■ 122.7360, 10.4832,
-2.3995

■ 124.1040, 15.7247,
-3.5992

■ 125.4720, 20.9663,
-4.7989

Harmonies

Analogous

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



115.4770, -26.8572, 27.6457



113.1600, -26.2079, 5.9987



109.4110, -16.9646, -18.7774

Triad

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



113.1600, -26.2079, 5.9987



94.2080, 30.9565, -82.6204



119.8490, 5.9904, 38.7204

Complementary

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



113.1600, -26.2079, 5.9987



66.8400, 26.2079, -5.9987

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.



120.5070, 17.9910, 16.2184



113.1600, -26.2079, 5.9987



103.4590, 33.7907, -58.2845

Square

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



113.1600, -26.2079, 5.9987



92.4180, 19.0209, -81.0506



116.4150, 27.4034, -16.1500



118.3480, -7.5666, 47.0528

Rectangle

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



113.1600, -26.2079, 5.9987



105.3360, -6.5746, -38.0057



116.4150, 27.4034, -16.1500



119.9560, 10.3747, 32.4876

Sweetspot

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



113.1600, -26.2079, 5.9987



153.2640, -10.4832, 2.3995



77.9400, -8.8444, 36.8866



77.4040, -6.1152, 1.3997



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.



113.1600, -26.2079, 5.9987



145.2840, -41.0590, 9.3979



104.1900, -21.7857, -12.4446



60.3160, -2.6208, 0.5999



110.7500, -54.5998, 12.4972



223.2720, -110.0731, 25.1945

Inverse Universe

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



66.8400, 26.2079, -5.9987



72.7160, 41.0590, -9.3979



75.8100, 21.7857, 12.4446



55.6840, 2.6208, -0.5999



14.2500, 54.5998, -12.4972



28.7280, 110.0731, -25.1945

Previews

White Background



This preview shows how the YUV color 113.1600, -26.2079, 5.9987 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 113.1600, -26.2079, 5.9987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

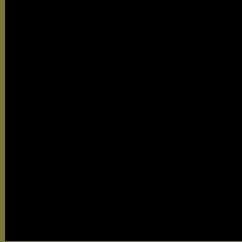
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.1600, -26.2079, 5.9987

Background



This preview shows how black text looks on a background with the YUV color 113.1600, -26.2079, 5.9987.



This preview shows how white text looks on a background with the YUV color 113.1600, -26.2079,

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

113.1600, -26.2079, 5.9987

Protanopia

113.9760, -27.1032, 13.1760

Deuteranopia

114.9820, -26.1201, 24.5718



Tritanopia

117.9130, 2.0149, 7.0923

Trichromacy



Original Color

113.1600, -26.2079, 5.9987

Protanomaly

113.6660, -26.9503, 10.8169

Deuteranomaly

114.2370, -26.2458, 18.2092

Tritanomaly

116.4540, -8.6048, 6.6178

Monochromacy



Original Color

113.1600, -26.2079, 5.9987

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.4920, -9.6096, 2.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1600, -26.2079, 5.9987 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(120, 120, 60)` looks like.

```
.text, #text, p{  
    color:rgb(120, 120, 60)  
}
```

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(120, 120, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 120, 60) }
```

Border

The CSS property to change the border of an element to YUV 113.1600, -26.2079, 5.9987 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(120, 120, 60) }
```


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

```
.border{ border-color:rgb(120, 120, 60) }
```

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

Here you see how a box with a 4 pixel rgb(120, 120, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 120, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 120, 60);  
box-shadow:4px 4px 4px 4px rgb(120, 120,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 113.1600, -26.2079, 5.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 120, 60) }
```

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

```
.background{ background-color: rgb(120,  
120, 60) }
```

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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