

Converting Colors

YUV(112.6260, -19.5356,
12.6060)

Have a look what the booklet for
YUV(112.6260, -19.5356, 12.6060)
contains.

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Color

**YUV(112.6260, -19.5356,
12.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7149
RGB	127, 113, 73
RGB Percent	50%, 44%, 29%
CMY	0.5020, 0.5569, 0.7137
CMYK	0.00, 0.11, 0.43, 0.50
HSL	44°, 27%, 39%
HSV	44°, 43%, 50%
XYZ	15.8601, 16.8033, 8.7108
YIQ	112.6260, 21.1840, -9.4720

Conversions

Conversions Part 2

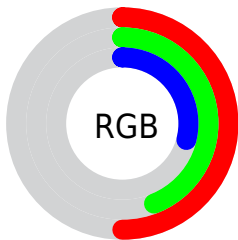
Format	Color
RYB	92, 127, 73
Decimal	8352073
CIELab	48.01, -0.64, 24.19
CIElCh	48, 24.195, 91.516
Yxy	16.8033, 0.3833, 0.4061
Android (android.graphics.Color)	4286542153 (0xFF7F7149)
YUV	112.6260, -19.5356, 12.6060
Hunter-Lab	40.9919, -2.6725, 16.0952

Details

The YUV color **112.6260, -19.5356, 12.6060** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **87.3740, 19.5356, -12.6060**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8820, -21.1408, 14.1355**, and **64.0710, -17.7830, 10.4617** is the 20% darker color. If you saturate the color by 10%, you get **109.3830, -24.3458, 15.4501**, and if you desaturate by 10%, it is **115.8690, -14.7254, 9.7619**.

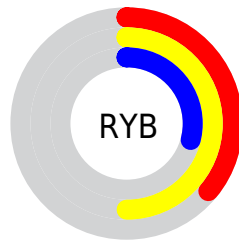
Distribution



Red (50%)

Green (44%)

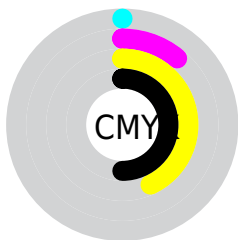
Blue (29%)



Red (36%)

Yellow (50%)

Blue (29%)

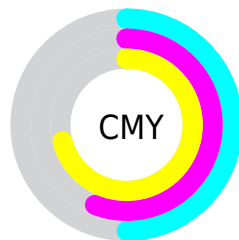


Cyan (0%)

Magenta (11%)

Yellow (43%)

Black (50%)



Cyan (50%)

Magenta (56%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6260, -19.5356, 12.6060 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 112.6260, -19.5356, 12.6060 by changing the saturation by 10% instead.

■ 112.6260,
-19.5356, 12.6060

■ 112.6260,
-19.5356, 12.6060

■ 255.0000, 0.0000,
0.0000

■ 88.1420, -18.8040,
11.2765

■ 164.8820,
-21.1408, 14.1355

■ 64.0710, -17.7830,
10.4617

■ 192.0670,
-21.7250, 14.8502

■ 41.5440, -18.5092,
10.0469

■ 219.9530,
-22.1618, 14.9502

■ 22.4710, -11.0782,
6.6029

■ 244.8490,
-21.1246, 8.9024

■ 0.0000, 0.0000,
0.0000

■ 252.2640,
-10.4832, 2.3995

■ 112.6260,
-19.5356, 12.6060

■ 112.6260,
-19.5356, 12.6060

■ 109.3830,
-24.3458, 15.4501

■ 115.8690,
-14.7254, 9.7619

■ 105.6670,
-28.4298, 18.7090

■ 119.5850,
-10.6414, 6.5030

■ 102.4240,
-33.2400, 21.5532

■ 122.8280, -5.8312,
3.6588

■ 99.1810, -38.0502,
24.3973

■ 126.0710, -1.0210,
0.8147

■ 96.0520, -42.4236,
27.1414

■ 129.3140, 3.7892,
-2.0294

■ 93.1510, -45.9234,
29.6856

■ 133.0300, 7.8732,
-5.2883

■ 136.2730, 12.6834,
-8.1324

■ 139.5160, 17.4936,

-10.9765

■ 143.2320, 21.5776,
-14.2355

Harmonies

Analogous

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



114.2840, -17.3950, 26.0609



112.6260, -19.5356, 12.6060



110.2540, -15.4082, -4.6078

Triad

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



112.6260, -19.5356, 12.6060



101.3340, 16.5973, -50.2819



117.3090, 8.2287, 20.7770

Complementary

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



112.6260, -19.5356, 12.6060



87.3740, 19.5356, -12.6060

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.



115.6640, 16.4346, 2.0487



112.6260, -19.5356, 12.6060



105.3550, 21.5170, -41.5303

Square

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



112.6260, -19.5356, 12.6060



103.7130, 5.0715, -40.0903



111.9600, 20.7257, -21.0129



116.8560, -1.4080, 31.6983

Rectangle

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



112.6260, -19.5356, 12.6060



108.5560, -10.1341, -16.2736



111.9600, 20.7257, -21.0129



117.0740, 11.3025, 14.8441

Sweetspot

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



112.6260, -19.5356, 12.6060



159.9700, -7.8732, 5.2883



90.7420, -1.8448, 31.7983



80.7570, -4.8102, 2.8441



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



112.6260, -19.5356, 12.6060



143.3960, -30.7612, 19.8237



116.9570, -21.6708, -2.5933



62.0280, -2.4788, 1.7294



93.4500, -46.0708, 30.3004



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.3740, 19.5356, -12.6060



103.6040, 30.7612, -19.8237



83.0430, 21.6708, 2.5933



58.9720, 2.4788, -1.7294



33.9630, 46.3602, -29.7856



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 112.6260, -19.5356, 12.6060 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 112.6260, -19.5356, 12.6060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

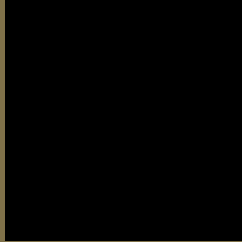
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.6260, -19.5356, 12.6060

Background



This preview shows how black text looks on a background with the YUV color 112.6260, -19.5356, 12.6060.



This preview shows how white text looks on a background with the YUV color 112.6260, -19.5356, 12.6060.

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

112.6260, -19.5356, 12.6060

Protanopia

112.3160, -19.3828, 10.2469

Deuteranopia

113.3820, -19.4153, 20.7130



Tritanopia

115.7890, 0.1040, 13.3400

Trichromacy



Original Color

112.6260, -19.5356, 12.6060

Protanomaly

112.6150, -19.5302, 10.8616

Deuteranomaly

112.7730, -19.1151, 17.7391

Tritanomaly

114.8400, -7.3161, 13.2953

Monochromacy



Original Color

112.6260, -19.5356, 12.6060

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.7850, -7.2890, 4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6260, -19.5356, 12.6060 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(127, 113, 73)` looks like.

```
.text, #text, p{  
    color:rgb(127, 113, 73)  
}
```

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(127, 113, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 113, 73) }
```

Border

The CSS property to change the border of an element to YUV 112.6260, -19.5356, 12.6060 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(127, 113, 73) }
```


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

```
.border{ border-color:rgb(127, 113, 73) }
```

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

Here you see how a box with a 4 pixel rgb(127, 113, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 113, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 113, 73);  
box-shadow:4px 4px 4px 4px rgb(127, 113,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 112.6260, -19.5356, 12.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 113, 73) }
```

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

```
.background{ background-color: rgb(127,  
113, 73) }
```

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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