

Converting Colors

YUV(145.6930, 12.4764,
11.6702)

Have a look what the booklet for
YUV(145.6930, 12.4764, 11.6702)
contains.

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Color

**YUV(145.6930, 12.4764,
11.6702)**

Conversions

Conversions Part 1

Format	Color
Hex	9F86AB
RGB	159, 134, 171
RGB Percent	62%, 53%, 67%
CMY	0.3765, 0.4745, 0.3294
CMYK	0.07, 0.22, 0.00, 0.33
HSL	281°, 18%, 60%
HSV	281°, 22%, 67%
XYZ	30.1739, 27.3614, 42.2190
YIQ	145.6930, 3.0230, 16.8070

Conversions

Conversions Part 2

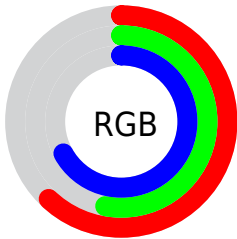
Format	Color
RYB	159, 134, 171
Decimal	10454699
CIELab	59.31, 16.49, -16.00
CIElCh	59, 22.976, 315.860
Yxy	27.3614, 0.3025, 0.2743
Android (android.graphics.Color)	4288644779 (0xFF9F86AB)
YUV	145.6930, 12.4764, 11.6702
Hunter-Lab	52.3081, 11.4282, -11.2386

Details

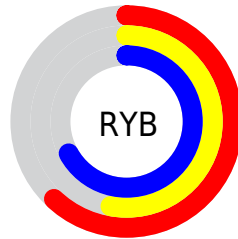
The YUV color **145.6930, 12.4764, 11.6702** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **159.3070, -12.4764, -11.6702**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.5190, 13.0551, 12.6998**, and **94.8670, 11.8976, 10.6406** is the 20% darker color. If you saturate the color by 10%, you get **133.9200, 18.2804, 16.7332**, and if you desaturate by 10%, it is **157.4660, 6.6723, 6.6073**.

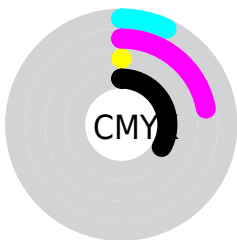
Distribution



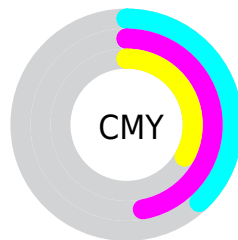
- Red (62%)
- Green (53%)
- Blue (67%)



- Red (62%)
- Yellow (53%)
- Blue (67%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.6930, 12.4764, 11.6702 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 145.6930, 12.4764, 11.6702 by changing the saturation by 10% instead.

■ 145.6930, 12.4764,
11.6702

■ 145.6930, 12.4764,
11.6702

255.0000, 0.0000,
0.0000

■ 120.1660, 11.7502,
11.2554

■ 199.5190, 13.0551,
12.6998

■ 94.8670, 11.8976,
10.6406

■ 227.6330, 13.4919,
12.5999

■ 71.3400, 11.1714,
10.2258

■ 248.5430, 3.1833,
5.6628

■ 48.5140, 10.5926,
9.1962

■ 27.1010, 10.3032,
8.6814

■ 8.1610, 9.2876,
7.7518

■ 0.0000, 0.0000,

0.0000

■ 145.6930, 12.4764,
11.6702

■ 145.6930, 12.4764,
11.6702

■ 133.9200, 18.2804,
16.7332

■ 157.4660, 6.6723,
6.6073

■ 122.4460, 23.9371,
22.4109

■ 168.9400, 1.0156,
0.9296

■ 110.6730, 29.7412,
27.4738

■ 180.7130, -4.7885,
-4.1333

■ 99.1990, 35.3979,
33.1515

■ 192.1870,
-10.4452, -9.8110

■ 87.4260, 41.2020,
38.2144

■ 203.9600,
-16.2493, -14.8739

■ 75.3650, 47.1481,
44.4069

■ 216.0210,
-22.1954, -21.0664

■ 63.5920, 52.9521,
49.4698

■ 227.7940,
-27.9994, -26.1293

■ 54.1780, 57.5932,
54.2179

■ 229.8760,
-29.0259, -23.5703

■ 231.6700,
-29.9103, -19.8816

Harmonies

Analogous

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



143.1680, 18.6512, -8.9173



145.6930, 12.4764, 11.6702



146.0880, 3.4076, 27.1098

Triad

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



145.6930, 12.4764, 11.6702



142.4960, -18.9785, 20.6130



133.2550, 9.7343, -42.3196

Complementary

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



145.6930, 12.4764, 11.6702



159.3070, -12.4764, -11.6702

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.



135.0580, -1.5076, -29.8689



145.6930, 12.4764, 11.6702



140.6250, -18.0561, 4.7139

Square

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



145.6930, 12.4764, 11.6702



144.4140, -14.5011, 31.2089



138.1220, -11.8921, -12.3850



134.1330, 18.1754, -43.0896

Rectangle

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



145.6930, 12.4764, 11.6702



145.6990, -3.3026, 32.7130



138.1220, -11.8921, -12.3850



133.6530, 6.0871, -39.1607

Sweetspot

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



145.6930, 12.4764, 11.6702



213.1730, 4.3517, 4.2333



145.2620, 12.6888, -9.8768



106.7060, 2.6099, 2.8888



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



145.6930, 12.4764, 11.6702



182.2730, 19.5854, 18.1776



148.5970, 8.0867, 19.6474



80.8200, 3.0467, 2.7889



47.5980, 50.4842, 47.7106



7.4060, 7.6878, 7.5369

Inverse Universe

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



146.4310, -0.2125, 21.5470



183.5080, -0.2504, 33.7575



156.4030, -8.0867, -19.6474



81.0330, -0.0163, 5.2331



50.4360, -0.7079, 87.3176



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 145.6930, 12.4764, 11.6702 looks on a white background.

Color Contrast Check

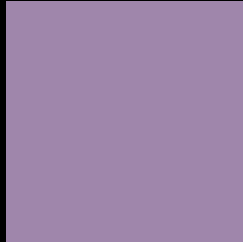
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 145.6930, 12.4764, 11.6702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

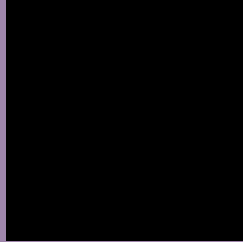
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.6930, 12.4764, 11.6702

Background



This preview shows how black text looks on a background with the YUV color 145.6930, 12.4764, 11.6702.



This preview shows how white text looks on a background with the YUV color 145.6930, 12.4764, 11.6702.

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

145.6930, 12.4764, 11.6702

Protanopia

143.7830, 15.8830, -7.7027

Deuteranopia

144.6160, 12.5143, -0.5402



Tritanopia

144.6360, 2.1515, 9.9662

Trichromacy



Original Color

145.6930, 12.4764, 11.6702

Protanomaly

144.4850, 14.5509, -0.4253

Deuteranomaly

144.9370, 12.3561, 3.5633

Tritanomaly

145.2600, 5.7878, 10.2960

Monochromacy



Original Color

145.6930, 12.4764, 11.6702

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1730, 4.3517, 4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6930, 12.4764, 11.6702 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(159, 134, 171)` looks like.

```
.text, #text, p{  
    color:rgb(159, 134, 171)  
}
```

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(159, 134, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 134, 171) }
```

Border

The CSS property to change the border of an element to YUV 145.6930, 12.4764, 11.6702 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(159, 134, 171) }
```


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

```
.border{ border-color:rgb(159, 134, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 134, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 134, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 134, 171);  
box-shadow:4px 4px 4px 4px rgb(159, 134,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 145.6930, 12.4764, 11.6702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 134, 171) }
```

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

```
.background{ background-color: rgb(159,  
134, 171) }
```

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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