

Converting Colors

YUV(146.6650, 14.9552, 9.9408)

Have a look what the booklet for
YUV(146.6650, 14.9552, 9.9408)
contains.

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Color

**YUV(146.6650, 14.9552,
9.9408)**

Conversions

Conversions Part 1

Format	Color
Hex	9E87B1
RGB	158, 135, 177
RGB Percent	62%, 53%, 69%
CMY	0.3804, 0.4706, 0.3059
CMYK	0.11, 0.24, 0.00, 0.31
HSL	273°, 21%, 61%
HSV	273°, 24%, 69%
XYZ	30.7003, 27.7714, 45.3373
YIQ	146.6650, 0.2260, 17.9380

Conversions

Conversions Part 2

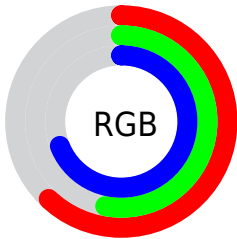
Format	Color
R_{YB}	158, 135, 177
Decimal	10389425
CIE _{Lab}	59.68, 16.85, -18.86
CIE _{LCh}	60, 25.290, 311.772
Yxy	27.7714, 0.2957, 0.2675
Android (android.graphics.Color)	4288579505 (0xFF9E87B1)
YUV	146.6650, 14.9552, 9.9408
Hunter-Lab	52.6985, 11.7654, -14.1190

Details

The YUV color **146.6650, 14.9552, 9.9408** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **165.3350, -14.9552, -9.9408**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.6050, 15.9707, 10.8704**, and **95.7250, 13.9396, 9.0112** is the 20% darker color. If you saturate the color by 10%, you get **133.7070, 21.3434, 14.2890**, and if you desaturate by 10%, it is **159.6230, 8.5669, 5.5926**.

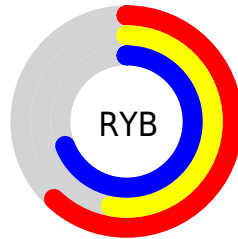
Distribution



Red (62%)

Green (53%)

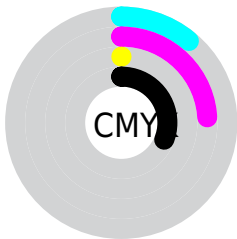
Blue (69%)



Red (62%)

Yellow (53%)

Blue (69%)

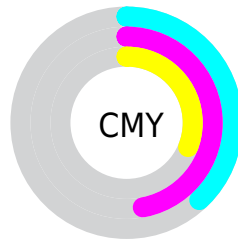


Cyan (11%)

Magenta (24%)

Yellow (0%)

Black (31%)



Cyan (38%)

Magenta (47%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.6650, 14.9552, 9.9408 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 146.6650, 14.9552, 9.9408 by changing the saturation by 10% instead.

■ 146.6650, 14.9552,
9.9408

■ 146.6650, 14.9552,
9.9408

255.0000, 0.0000,
0.0000

■ 121.1380, 14.2290,
9.5260

■ 200.6050, 15.9707,
10.8704

■ 95.7250, 13.9396,
9.0112

■ 227.9210, 13.3499,
11.4703

■ 72.1980, 13.2134,
8.5964

■ 249.1300, 2.8939,
5.1480

■ 49.3720, 12.6346,
7.5668

■ 27.8450, 11.9084,
7.1519

■ 8.7310, 11.4716,
7.2519

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 146.6650, 14.9552,
9.9408

■ 146.6650, 14.9552,
9.9408

■ 133.7070, 21.3434,
14.2890

■ 159.6230, 8.5669,
5.5926

■ 121.3360, 27.4424,
18.1223

■ 171.9940, 2.4680,
1.7593

■ 108.3780, 33.8306,
22.4705

■ 184.9520, -3.9203,
-2.5889

■ 95.4200, 40.2189,
26.8187

■ 197.9100,
-10.3086, -6.9371

■ 82.4620, 46.6072,
31.1668

■ 210.8680,
-16.6969, -11.2852

70.0910, 52.7061,
35.0002

223.2390,
-22.7958, -15.1186

57.1330, 59.0944,
39.3484

233.8490,
-28.0266, -17.4076

49.1810, 63.0148,
41.9373

236.2410,
-29.2058, -12.4894

238.6330,
-30.3851, -7.5711

Harmonies

Analogous

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



143.5310, 21.4302, -13.6207



146.6650, 14.9552, 9.9408



147.2560, 5.2968, 27.8395

Triad

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



146.6650, 14.9552, 9.9408



144.0620, -20.7366, 24.5016



132.5210, 9.6031, -46.9379

Complementary

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



146.6650, 14.9552, 9.9408



165.3350, -14.9552, -9.9408

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.



135.5910, -3.2494, -31.2133



146.6650, 14.9552, 9.9408



141.6640, -20.5404, 8.1877

Square

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



146.6650, 14.9552, 9.9408



145.3220, -14.9487, 34.7976



138.8510, -14.2235, -11.2703



132.8440, 19.7969, -49.8522

Rectangle

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



146.6650, 14.9552, 9.9408



146.7640, -1.8557, 35.2870



138.8510, -14.2235, -11.2703



133.4030, 5.2243, -42.4494

Sweetspot

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



146.6650, 14.9552, 9.9408



217.6290, 6.0989, 3.8334



151.5280, 12.5577, -14.4951



108.5210, 3.1941, 2.1741



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



146.6650, 14.9552, 9.9408



182.8750, 23.2326, 15.0186



152.2320, 11.7176, 21.7215



82.5210, 3.1941, 2.1741



42.5580, 54.4479, 36.3446



7.1500, 9.2931, 6.0074

Inverse Universe

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



149.7240, 2.1081, 23.9211



187.7410, 3.0857, 37.0611



159.7680, -11.7176, -21.7215



83.1470, 0.4205, 5.1331



53.6130, 7.5858, 87.1624



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 146.6650, 14.9552, 9.9408 looks on a white background.

Color Contrast Check

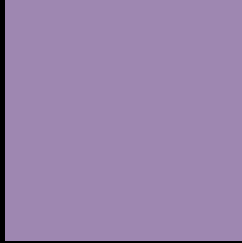
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.6650, 14.9552, 9.9408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

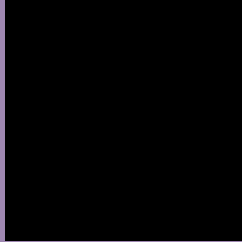
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.6650, 14.9552, 9.9408

Background



This preview shows how black text looks on a background with the YUV color 146.6650, 14.9552, 9.9408.



This preview shows how white text looks on a background with the YUV color 146.6650, 14.9552, 9.9408.

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

146.6650, 14.9552, 9.9408

Protanopia

144.1680, 18.6512, -8.9173

Deuteranopia

145.2890, 15.1405, -2.8845



Tritanopia

145.4400, 2.7411, 7.5071

Trichromacy



Original Color

146.6650, 14.9552, 9.9408

Protanomaly

144.8700, 17.3191, -1.6400

Deuteranomaly

145.9090, 14.8349, 1.8338

Tritanomaly

145.5910, 7.1036, 8.2517

Monochromacy



Original Color

146.6650, 14.9552, 9.9408

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.1020, 5.3727, 3.4185

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.6650, 14.9552, 9.9408 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(158, 135, 177)` looks like.

```
.text, #text, p{  
    color:rgb(158, 135, 177)  
}
```

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(158, 135, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 135, 177) }
```

Border

The CSS property to change the border of an element to YUV 146.6650, 14.9552, 9.9408 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(158, 135, 177) }
```


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

```
.border{ border-color:rgb(158, 135, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 135, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 135, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 135, 177);  
box-shadow:4px 4px 4px 4px rgb(158, 135,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 146.6650, 14.9552, 9.9408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 135, 177) }
```

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

```
.background{ background-color: rgb(158,  
135, 177) }
```

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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