

Converting Colors

YUV(106.6260, 13.9884,
-6.6880)

Have a look what the booklet for
YUV(106.6260, 13.9884, -6.6880)
contains.

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Color

**YUV(106.6260, 13.9884,
-6.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	636987
RGB	99, 105, 135
RGB Percent	39%, 41%, 53%
CMY	0.6118, 0.5882, 0.4706
CMYK	0.27, 0.22, 0.00, 0.47
HSL	230°, 15%, 46%
HSV	230°, 27%, 53%
XYZ	14.5703, 14.5051, 24.9535
YIQ	106.6260, -13.2060, 8.0580

Conversions

Conversions Part 2

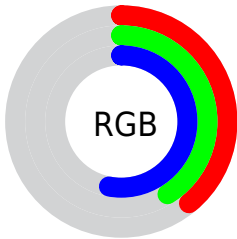
Format	Color
R_{YB}	99, 104, 135
Decimal	6515079
CIE Lab	44.95, 4.89, -17.31
CIE LCh	45, 17.985, 285.766
Yxy	14.5051, 0.2697, 0.2685
Android (android.graphics.Color)	4284705159 (0xFF636987)
YUV	106.6260, 13.9884, -6.6880
Hunter-Lab	38.0855, 1.6389, -12.1867

Details

The YUV color **106.6260, 13.9884, -6.6880** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **127.3740, -13.9884, 6.6880**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8540, 14.8620, -6.8880**, and **58.9850, 12.8254, -7.0028** is the 20% darker color. If you saturate the color by 10%, you get **96.2820, 19.0880, -9.0173**, and if you desaturate by 10%, it is **117.2690, 8.7414, -3.7439**.

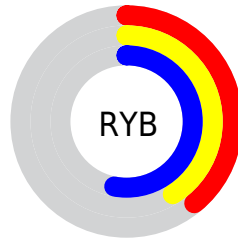
Distribution



Red (39%)

Green (41%)

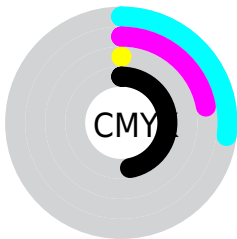
Blue (53%)



Red (39%)

Yellow (41%)

Blue (53%)

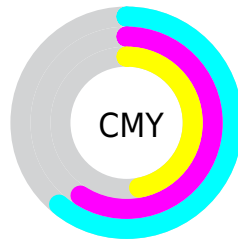


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (47%)



Cyan (61%)

Magenta (59%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6260, 13.9884, -6.6880 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 106.6260, 13.9884, -6.6880 by changing the saturation by 10% instead.

■ 106.6260, 13.9884,
-6.6880

■ 106.6260, 13.9884,
-6.6880

255.0000, 0.0000,
0.0000

■ 82.5120, 13.5516,
-6.5880

■ 157.8540, 14.8620,
-6.8880

■ 58.9850, 12.8254,
-7.0028

■ 184.9680, 15.2988,
-6.9879

■ 37.4580, 12.0992,
-7.4177

■ 213.0820, 15.7356,
-7.0879

■ 15.1590, 12.2466,
-8.0324

■ 239.0300, 7.8732,
-5.2883

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 106.6260, 13.9884,
-6.6880

■ 106.6260, 13.9884,
-6.6880

■ 96.2820, 19.0880,
-9.0173

■ 117.2690, 8.7414,
-3.7439

■ 85.6390, 24.3350,
-11.9614

■ 128.2000, 3.3524,
-1.9294

■ 74.4090, 29.8714,
-14.3907

■ 138.5440, -1.7472,
0.3999

■ 64.0650, 34.9710,
-16.7200

■ 149.1870, -6.9942,
3.3440

■ 53.4220, 40.2180,
-19.6641

■ 159.8300,
-12.2412, 6.2881

■ 43.0780, 45.3175,
-21.9934

■ 170.1740,
-17.3408, 8.6174

■ 31.8480, 50.8539,
-24.4227


■ 181.4040,
-22.8772, 11.0467

■ 28.8910, 52.3117,

■ 191.7480,

-25.3374

-27.9768, 13.3760

 202.3910,
-33.2238, 16.3201

Harmonies

Analogous

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



103.2820, 15.6370, -22.1723



106.6260, 13.9884, -6.6880



108.4600, 9.1402, 8.3666

Triad

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



106.6260, 13.9884, -6.6880



107.3960, -10.5482, 23.3317



100.8140, -1.3873, -21.7619

Complementary

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



106.6260, 13.9884, -6.6880



127.3740, -13.9884, 6.6880

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.



102.9420, -8.8454, -9.5961



106.6260, 13.9884, -6.6880



106.4290, -14.0155, 15.4098

Square

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



106.6260, 13.9884, -6.6880



108.6010, -4.7333, 24.9059



104.7650, -13.6881, 3.7141



99.6370, 7.0810, -31.2536

Rectangle

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



106.6260, 13.9884, -6.6880



108.7770, 5.0399, 16.8586



104.7650, -13.6881, 3.7141



101.8530, -3.8715, -18.2881

Sweetspot

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



106.6260, 13.9884, -6.6880



164.7700, 5.5364, -2.4293



123.5520, 2.6859, -21.5321



82.2000, 3.3524, -1.9294



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



106.6260, 13.9884, -6.6880



131.6670, 21.8562, -10.2320



106.6920, 13.9558, 3.7781



61.2710, 2.3314, -1.1147



27.7340, 50.4171, -24.3227



0.3420, 1.3104, -0.2999

Inverse Universe

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



110.4480, -2.6859, 21.5321



137.7700, -4.3236, 33.5277



127.3080, -13.9558, -3.7781



61.9080, -0.4476, 3.5887



41.3780, -9.5534, 77.7215



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 106.6260, 13.9884, -6.6880 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 106.6260, 13.9884, -6.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

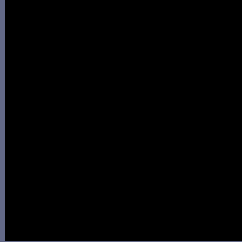
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.6260, 13.9884, -6.6880

Background



This preview shows how black text looks on a background with the YUV color 106.6260, 13.9884, -6.6880.



This preview shows how white text looks on a background with the YUV color 106.6260, 13.9884, -6.6880.

-6.6880.

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

106.6260, 13.9884, -6.6880

Protanopia

106.6260, 13.9884, -6.6880

Deuteranopia

106.6370, 13.9830, -4.9436



Tritanopia

105.1390, 5.8475, -8.8919

Trichromacy



Original Color

106.6260, 13.9884, -6.6880

Protanomaly

106.6260, 13.9884, -6.6880

Deuteranomaly

106.3380, 14.1304, -5.5584

Tritanomaly

105.6490, 9.0470, -8.4622

Monochromacy



Original Color

106.6260, 13.9884, -6.6880

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.6560, 5.0996, -2.3293

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6260, 13.9884, -6.6880 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(99, 105, 135)` looks like.

```
.text, #text, p{  
    color:rgb(99, 105, 135)  
}
```

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(99, 105, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 105, 135) }
```

Border

The CSS property to change the border of an element to YUV 106.6260, 13.9884, -6.6880 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(99, 105, 135) }
```


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

```
.border{ border-color:rgb(99, 105, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 105, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 105, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 105, 135);  
box-shadow:4px 4px 4px 4px rgb(99, 105,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 106.6260, 13.9884, -6.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 105, 135) }
```

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

```
.background{ background-color: rgb(99, 105,  
135) }
```

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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