

Converting Colors

YUV(106.4900, 17.0134, 3.0783)

Have a look what the booklet for
YUV(106.4900, 17.0134, 3.0783)
contains.

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Color

**YUV(106.4900, 17.0134,
3.0783)**

Conversions

Conversions Part 1

Format	Color
Hex	6E628D
RGB	110, 98, 141
RGB Percent	43%, 38%, 55%
CMY	0.5686, 0.6157, 0.4471
CMYK	0.22, 0.30, 0.00, 0.45
HSL	257°, 18%, 47%
HSV	257°, 30%, 55%
XYZ	15.6058, 13.9734, 27.0739
YIQ	106.4900, -6.6510, 15.9170

Conversions

Conversions Part 2

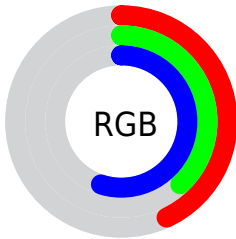
Format	Color
R_{YB}	110, 98, 141
Decimal	7234189
CIE _{Lab}	44.19, 14.33, -21.98
CIE _{LCh}	44, 26.240, 303.103
Yxy	13.9734, 0.2755, 0.2466
Android (android.graphics.Color)	4285424269 (0xFF6E628D)
YUV	106.4900, 17.0134, 3.0783
Hunter-Lab	37.3811, 9.1031, -16.7751

Details

The YUV color **106.4900, 17.0134, 3.0783** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.5100, -17.0134, -3.0783**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.1310, 18.1764, 3.3931**, and **58.5500, 15.9978, 2.1486** is the 20% darker color. If you saturate the color by 10%, you get **95.2820, 22.5390, 4.1377**, and if you desaturate by 10%, it is **117.6980, 11.4879, 2.0189**.

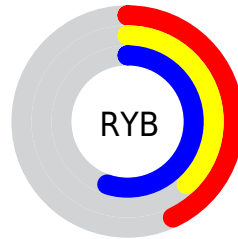
Distribution



Red (43%)

Green (38%)

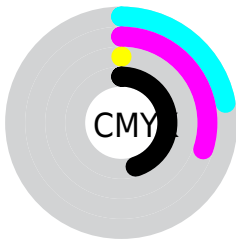
Blue (55%)



Red (43%)

Yellow (38%)

Blue (55%)

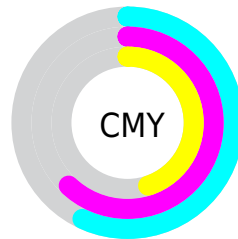


Cyan (22%)

Magenta (30%)

Yellow (0%)

Black (45%)



Cyan (57%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.4900, 17.0134, 3.0783 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 106.4900, 17.0134, 3.0783 by changing the saturation by 10% instead.

■ 106.4900, 17.0134,
3.0783

■ 106.4900, 17.0134,
3.0783

■ 255.0000, 0.0000,
0.0000

■ 81.9630, 16.2872,
2.6634

■ 158.1310, 18.1764,
3.3931

■ 58.5500, 15.9978,
2.1486

■ 184.9570, 18.7552,
4.4227

■ 36.6100, 14.9823,
1.2190

■ 212.6580, 18.9026,
3.8079

■ 14.6210, 14.9768,
2.9634

■ 238.2210, 8.2720,
6.8222

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 106.4900, 17.0134,
3.0783

■ 106.4900, 17.0134,
3.0783

■ 95.2820, 22.5390,
4.1377

■ 117.6980, 11.4879,
2.0189

■ 84.0740, 28.0645,
5.1971

■ 128.9060, 5.9623,
0.9594

■ 72.8660, 33.5901,
6.2565

■ 140.1140, 0.4368,
-0.1000

■ 61.3590, 39.2630,
6.7012

■ 151.6210, -5.2362,
-0.5446

■ 50.1510, 44.7886,
7.7606

■ 163.4160,
-11.0511, -2.1188

■ 38.3560, 50.6035,
9.3348

■ 174.6240,
-16.5766, -3.1782

■ 27.7350, 55.8396,
9.8794

■ 185.8320,
-22.1022, -4.2377

■ 197.0400,

-27.6277, -5.2971

 208.2480,
-33.1533, -6.3565

Harmonies

Analogous

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



102.1170, 22.6203, -22.0276



106.4900, 17.0134, 3.0783



107.7330, 8.5126, 23.0362

Triad

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



106.4900, 17.0134, 3.0783



104.2410, -18.8528, 26.9756



91.2390, 7.2772, -47.5676

Complementary

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



106.4900, 17.0134, 3.0783



132.5100, -17.0134, -3.0783

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.



96.5270, -6.1758, -25.8952



106.4900, 17.0134, 3.0783



102.9850, -20.6986, 12.2912

Square

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



106.4900, 17.0134, 3.0783



105.8320, -11.7492, 35.2273



100.3140, -16.4238, -5.5374



85.3860, 21.0087, -65.2365

Rectangle

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



106.4900, 17.0134, 3.0783



106.9530, 1.5022, 31.6132



100.3140, -16.4238, -5.5374



93.7300, 2.5981, -40.1052

Sweetspot

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



106.4900, 17.0134, 3.0783



170.4330, 6.6885, 1.3743



121.6860, 9.5218, -20.7726



84.0370, 3.9258, 0.8446



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



106.4900, 17.0134, 3.0783



129.4330, 26.9015, 4.8823



112.7690, 13.9179, 15.9886



65.3960, 2.7628, 0.5297



26.7520, 53.3663, 9.8645



1.5100, 3.1996, 0.4297

Inverse Universe

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



114.3910, 7.2022, 23.3361



141.9180, 11.3794, 36.9059



126.2310, -13.9179, -15.9886



66.6630, 1.1521, 3.8035



51.4230, 22.4695, 73.2970



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 106.4900, 17.0134, 3.0783 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 106.4900, 17.0134, 3.0783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

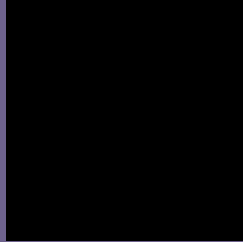
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.4900, 17.0134, 3.0783

Background



This preview shows how black text looks on a background with the YUV color 106.4900, 17.0134, 3.0783.



This preview shows how white text looks on a background with the YUV color 106.4900, 17.0134,

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

106.4900, 17.0134, 3.0783

Protanopia

104.4990, 19.9670, -10.9616

Deuteranopia

104.8260, 17.3408, -8.6174



Tritanopia

105.2110, 3.3470, -0.1850

Trichromacy



Original Color

106.4900, 17.0134, 3.0783

Protanomaly

105.3040, 19.0771, -5.5286

Deuteranomaly

105.1470, 17.1825, -4.5139

Tritanomaly

105.8890, 8.4357, 0.9743

Monochromacy



Original Color

106.4900, 17.0134, 3.0783

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.0200, 6.3991, 0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4900, 17.0134, 3.0783 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(110, 98, 141)` looks like.

```
.text, #text, p{  
    color:rgb(110, 98, 141)  
}
```

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(110, 98, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 98, 141) }
```

Border

The CSS property to change the border of an element to YUV 106.4900, 17.0134, 3.0783 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(110, 98, 141) }
```


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

```
.border{ border-color:rgb(110, 98, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 98, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 98, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 98, 141);  
box-shadow:4px 4px 4px 4px rgb(110, 98,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 106.4900, 17.0134, 3.0783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 98, 141) }
```

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

```
.background{ background-color: rgb(110, 98,  
141) }
```

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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