

Converting Colors

YUV(100.8370, 17.3354,
-6.8730)

Have a look what the booklet for
YUV(100.8370, 17.3354, -6.8730)
contains.

YUV(100.8370, 17.3354, -6.8730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(100.8370, 17.3354,
-6.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6288
RGB	93, 98, 136
RGB Percent	36%, 38%, 53%
CMY	0.6353, 0.6157, 0.4667
CMYK	0.32, 0.28, 0.00, 0.47
HSL	233°, 19%, 45%
HSV	233°, 32%, 53%
XYZ	13.3258, 12.8401, 25.0686
YIQ	100.8370, -15.1780, 10.7580

Conversions

Conversions Part 2

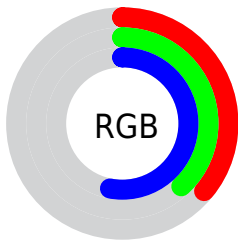
Format	Color
R_{YB}	93, 97, 136
Decimal	6120072
CIE Lab	42.52, 7.50, -21.68
CIE LCh	43, 22.943, 289.088
Yxy	12.8401, 0.2601, 0.2506
Android (android.graphics.Color)	4284310152 (0xFF5D6288)
YUV	100.8370, 17.3354, -6.8730
Hunter-Lab	35.8331, 3.6738, -16.3957

Details

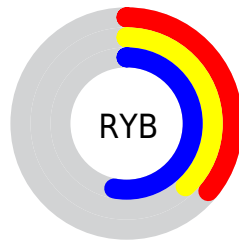
The YUV color **100.8370, 17.3354, -6.8730** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **128.1630, -17.3354, 6.8730**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0650, 18.2090, -7.0730**, and **53.7830, 15.8830, -7.7027** is the 20% darker color. If you saturate the color by 10%, you get **89.6070, 22.8717, -9.3023**, and if you desaturate by 10%, it is **112.0670, 11.7990, -4.4438**.

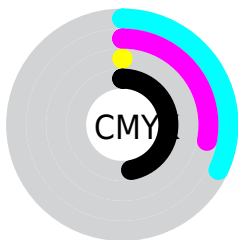
Distribution



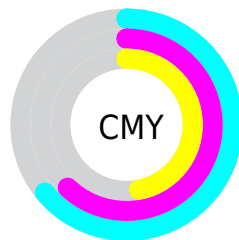
- Red (36%)
- Green (38%)
- Blue (53%)



- Red (36%)
- Yellow (38%)
- Blue (53%)



- Cyan (32%)
- Magenta (28%)
- Yellow (0%)
- Black (47%)



- Cyan (64%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.8370, 17.3354, -6.8730 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 100.8370, 17.3354, -6.8730 by changing the saturation by 10% instead.

■ 100.8370, 17.3354,
-6.8730

■ 100.8370, 17.3354,
-6.8730

■ 255.0000, 0.0000,
0.0000

■ 76.7230, 16.8986,
-6.7731

■ 152.0650, 18.2090,
-7.0730

■ 53.7830, 15.8830,
-7.7027

■ 178.5920, 18.9351,
-6.6582

■ 31.6580, 15.4516,
-9.3471

■ 206.7060, 19.3719,
-6.7582

■ 8.1960, 16.1724,
-7.1879

■ 232.5400, 11.0728,
-4.8586

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 100.8370, 17.3354,
-6.8730

■ 100.8370, 17.3354,
-6.8730

■ 89.6070, 22.8717,
-9.3023

■ 112.0670, 11.7990,
-4.4438

■ 78.6760, 28.2607,
-11.1169

■ 122.9980, 6.4100,
-2.6292

■ 67.4460, 33.7971,
-13.5461

■ 134.2280, 0.8736,
-0.2000

■ 56.5150, 39.1861,
-15.3607

■ 145.1590, -4.5154,
1.6146

■ 45.2850, 44.7225,
-17.7899

■ 156.3890,
-10.0518, 4.0438

■ 34.0550, 50.2589,
-20.2192


■ 167.6190,
-15.5882, 6.4731

■ 24.8960, 54.7743,
-21.8338

■ 178.5500,
-20.9771, 8.2877

■ 189.7800,

-26.5135, 10.7169

 200.7110,
-31.9025, 12.5315

Harmonies

Analogous

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



95.5030, 20.4580, -28.5051



100.8370, 17.3354, -6.8730



102.9490, 10.8711, 13.1997

Triad

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



100.8370, 17.3354, -6.8730



101.5060, -14.0535, 27.6202



92.2150, 0.3870, -30.8836

Complementary

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



100.8370, 17.3354, -6.8730



128.1630, -17.3354, 6.8730

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.



95.5670, -10.1395, -14.5293



100.8370, 17.3354, -6.8730



100.0010, -18.2415, 17.5391

Square

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



100.8370, 17.3354, -6.8730



101.8900, -6.3548, 31.6685



97.9560, -16.7403, 2.6696



88.9880, 11.3449, -45.5935

Rectangle

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



100.8370, 17.3354, -6.8730



103.2230, 5.3131, 22.6064



97.9560, -16.7403, 2.6696



93.5100, -3.7024, -25.8803

Sweetspot

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



100.8370, 17.3354, -6.8730



162.9980, 6.4100, -2.6292



122.5730, 4.1545, -25.9355



81.3140, 3.7892, -2.0294



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.



100.8370, 17.3354, -6.8730



121.3340, 26.9503, -10.8169



102.6860, 16.4238, 5.5374



63.3850, 2.7682, -1.2146



23.9670, 53.7533, -21.0191



1.1570, 1.8946, -1.0147

Inverse Universe

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



106.4270, -4.1545, 25.9355



129.9450, -6.3819, 40.3902



126.3140, -16.4238, -5.5374



64.2070, -0.5951, 4.2035



41.4770, -13.0532, 80.2657



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 100.8370, 17.3354, -6.8730 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 100.8370, 17.3354, -6.8730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

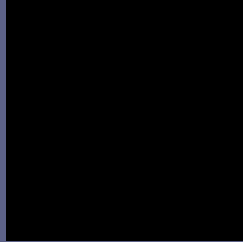
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.8370, 17.3354, -6.8730

Background



This preview shows how black text looks on a background with the YUV color 100.8370, 17.3354, -6.8730.



This preview shows how white text looks on a background with the YUV color 100.8370, 17.3354, -6.8730.

-6.8730.

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

100.8370, 17.3354, -6.8730

Protanopia

100.3420, 18.0724, -9.9469

Deuteranopia

100.5270, 17.4882, -9.2322



Tritanopia

99.4270, 5.7055, -10.0215

Trichromacy



Original Color

100.8370, 17.3354, -6.8730

Protanomaly

100.6410, 17.9250, -9.3322

Deuteranomaly

100.8260, 17.3408, -8.6174

Tritanomaly

99.8770, 9.9206, -8.6621

Monochromacy



Original Color

100.8370, 17.3354, -6.8730

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9980, 6.4100, -2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.8370, 17.3354, -6.8730 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(93, 98, 136)` looks like.

```
.text, #text, p{  
    color:rgb(93, 98, 136)  
}
```

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(93, 98, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 98, 136) }
```

Border

The CSS property to change the border of an element to YUV 100.8370, 17.3354, -6.8730 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(93, 98, 136) }
```


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

```
.border{ border-color:rgb(93, 98, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 98, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 98, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 98, 136);  
box-shadow:4px 4px 4px 4px rgb(93, 98,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 100.8370, 17.3354, -6.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 98, 136) }
```

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

```
.background{ background-color: rgb(93, 98,  
136) }
```

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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