

Converting Colors

YUV(152.3200, 18.0832,
-13.4356)

Have a look what the booklet for
YUV(152.3200, 18.0832, -13.4356)
contains.

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Color

**YUV(152.3200, 18.0832,
-13.4356)**

Conversions

Conversions Part 1

Format	Color
Hex	8999BD
RGB	137, 153, 189
RGB Percent	54%, 60%, 74%
CMY	0.4627, 0.4000, 0.2588
CMYK	0.28, 0.19, 0.00, 0.26
HSL	222°, 28%, 64%
HSV	222°, 28%, 74%
XYZ	30.8931, 31.7750, 52.6491
YIQ	152.3200, -21.0920, 7.8040

Conversions

Conversions Part 2

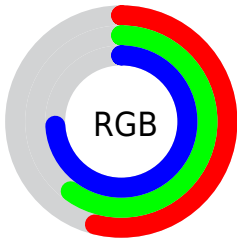
Format	Color
R _Y B	137, 149, 189
Decimal	9017789
CIE Lab	63.16, 2.59, -20.50
CIE LCh	63, 20.664, 277.189
Yxy	31.7750, 0.2679, 0.2755
Android (android.graphics.Color)	4287207869 (0xFF8999BD)
YUV	152.3200, 18.0832, -13.4356
Hunter-Lab	56.3693, -0.8197, -15.9185

Details

The YUV color $152.3200, 18.0832, -13.4356$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $173.6800, -18.0832, 13.4356$, and the grayscale version is $152.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $206.5480, 18.9568, -13.6356$, and $101.0920, 17.2096, -13.2357$ is the 20% darker color. If you saturate the color by 10%, you get $139.0080, 24.6461, -18.4240$, and if you desaturate by 10%, it is $165.6320, 11.5204, -8.4473$.

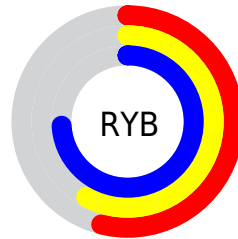
Distribution



Red (54%)

Green (60%)

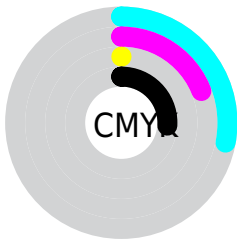
Blue (74%)



Red (54%)

Yellow (58%)

Blue (74%)

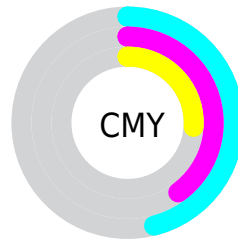


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (26%)



Cyan (46%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.3200, 18.0832, -13.4356 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 152.3200, 18.0832, -13.4356 by changing the saturation by 10% instead.

■ 152.3200, 18.0832,
-13.4356

■ 152.3200, 18.0832,
-13.4356

255.0000, 0.0000,
0.0000

■ 126.2060, 17.6464,
-13.3357

■ 206.5480, 18.9568,
-13.6356

■ 101.0920, 17.2096,
-13.2357

■ 232.4960, 11.0945,
-11.8360

■ 76.5650, 16.4835,
-13.6505

■ 252.9070, 1.0318,
-4.3034

■ 53.7390, 15.9047,
-14.6801

■ 30.6140, 15.4733,
-16.3245

■ 11.6040, 13.9992,
-10.1767

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 152.3200, 18.0832,
-13.4356

■ 152.3200, 18.0832,
-13.4356

■ 139.0080, 24.6461,
-18.4240

■ 165.6320, 11.5204,
-8.4473

■ 125.6960, 31.2089,
-23.4124

■ 178.9440, 4.9576,
-3.4589

■ 112.3840, 37.7717,
-28.4008

■ 192.2560, -1.6052,
1.5295

■ 99.0720, 44.3345,
-33.3891

■ 205.5680, -8.1680,
6.5179

■ 85.7600, 50.8973,
-38.3775

■ 218.8800,
-14.7308, 11.5062

■ 72.1600, 57.6021,
-42.2363

■ 232.4800,
-21.4356, 15.3650

■ 58.8480, 64.1649,
-47.2247

■ 241.6060,
-25.9348, 11.7465

■ 55.5920, 65.7701,
-48.7542

■ 247.4760,
-28.8287, 6.5985

Harmonies

Analogous

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



148.6230, 18.4269, -30.3644



152.3200, 18.0832, -13.4356



155.4750, 13.0768, 5.7224

Triad

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



152.3200, 18.0832, -13.4356



154.7990, -11.7329, 29.9943



147.0050, -4.4395, -22.8064

Complementary

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



152.3200, 18.0832, -13.4356



173.6800, -18.0832, 13.4356

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.



149.2260, -12.9294, -6.3372



152.3200, 18.0832, -13.4356



153.4900, -16.5106, 22.3723

Square

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



152.3200, 18.0832, -13.4356



155.9760, -3.4392, 29.8390



151.4730, -17.4882, 9.2322



144.9740, 5.9288, -35.0572

Rectangle

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



152.3200, 18.0832, -13.4356



155.9880, 8.3869, 16.6735



151.4730, -17.4882, 9.2322



147.8270, -7.8027, -17.3883

Sweetspot

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



152.3200, 18.0832, -13.4356



230.8020, 6.9996, -5.0884



171.6280, 0.6764, -30.3688



113.7160, 4.0840, -3.2589



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



152.3200, 18.0832, -13.4356



187.9090, 28.1459, -20.9682



145.9180, 21.2394, 0.9489



87.7870, 3.0630, -2.4442



46.7750, 54.8339, -41.0217



8.8170, 10.9362, -7.7325

Inverse Universe

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



154.3720, -0.6764, 30.3688



191.0690, -1.0200, 47.2975



180.0820, -21.2394, -0.9489



88.0330, -0.0163, 5.2331



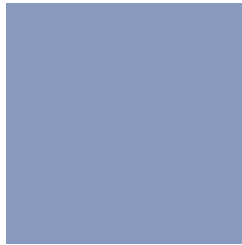
52.8280, -1.8872, 92.2358



10.2950, -0.6384, 18.1583

Previews

White Background



This preview shows how the YUV color 152.3200, 18.0832, -13.4356 looks on a white background.

Color Contrast Check

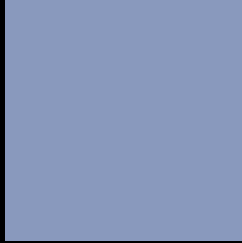
Large Text (above 18pt) WCAG AA × Fail

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 152.3200, 18.0832, -13.4356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

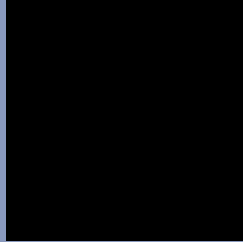
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

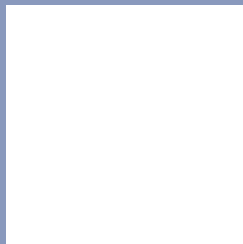
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 152.3200, 18.0832, -13.4356

Background



This preview shows how black text looks on a background with the YUV color 152.3200, 18.0832, -13.4356.



This preview shows how white text looks on a background with the YUV color 152.3200, 18.0832, -13.4356.

-13.4356.

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

152.3200, 18.0832, -13.4356

Protanopia

153.1250, 17.1934, -8.0026

Deuteranopia

153.9620, 17.7667, -5.2287



Tritanopia

151.1920, 8.7793, -15.9544

Trichromacy



Original Color

152.3200, 18.0832, -13.4356

Protanomaly

152.8150, 17.3462, -10.3618

Deuteranomaly

153.3530, 18.0670, -8.2026

Tritanomaly

151.7020, 11.9789, -15.5247

Monochromacy



Original Color

152.3200, 18.0832, -13.4356

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.9870, 6.4154, -4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.3200, 18.0832, -13.4356 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(137, 153, 189)` looks like.

```
.text, #text, p{  
    color:rgb(137, 153, 189)  
}
```

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(137, 153, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 153, 189) }
```

Border

The CSS property to change the border of an element to YUV 152.3200, 18.0832, -13.4356 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(137, 153, 189) }
```


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

```
.border{ border-color:rgb(137, 153, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 153, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 153, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 153, 189);  
box-shadow:4px 4px 4px 4px rgb(137, 153,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 152.3200, 18.0832, -13.4356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 153, 189) }
```

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

```
.background{ background-color: rgb(137,  
153, 189) }
```

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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