

Converting Colors

YUV(147.7690, 20.3269,
-33.1234)

Have a look what the booklet for
YUV(147.7690, 20.3269, -33.1234)
contains.

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Color

**YUV(147.7690, 20.3269,
-33.1234)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9FBD
RGB	110, 159, 189
RGB Percent	43%, 62%, 74%
CMY	0.5686, 0.3765, 0.2588
CMYK	0.42, 0.16, 0.00, 0.26
HSL	203°, 37%, 59%
HSV	203°, 42%, 74%
XYZ	28.0139, 31.7854, 52.8028
YIQ	147.7690, -38.8340, -1.0580

Conversions

Conversions Part 2

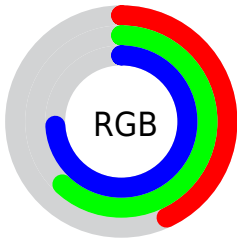
Format	Color
R_{YB}	110, 140, 189
Decimal	7249853
CIE _{Lab}	63.17, -8.48, -20.64
CIE _{LCh}	63, 22.314, 247.661
Yxy	31.7854, 0.2488, 0.2823
Android (android.graphics.Color)	4285439933 (0xFF6E9FBD)
YUV	147.7690, 20.3269, -33.1234
Hunter-Lab	56.3785, -9.9678, -16.0647

Details

The YUV color **147.7690, 20.3269, -33.1234** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **151.2310, -20.3269, 33.1234**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.8830, 20.7637, -33.2234**, and **95.6440, 19.8955, -34.7678** is the 20% darker color. If you saturate the color by 10%, you get **137.9790, 25.1534, -41.2006**, and if you desaturate by 10%, it is **157.5590, 15.5004, -25.0462**.

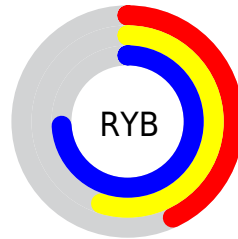
Distribution



Red (43%)

Green (62%)

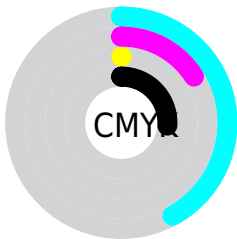
Blue (74%)



Red (43%)

Yellow (55%)

Blue (74%)

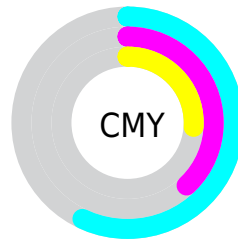


Cyan (42%)

Magenta (16%)

Yellow (0%)

Black (26%)



Cyan (57%)

Magenta (38%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.7690, 20.3269, -33.1234 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 147.7690, 20.3269, -33.1234 by changing the saturation by 10% instead.

■ 147.7690, 20.3269,
-33.1234

■ 147.7690, 20.3269,
-33.1234

■ 255.0000, 0.0000,
0.0000

■ 121.3560, 20.0375,
-33.6382

■ 202.8830, 20.7637,
-33.2234

■ 95.6440, 19.8955,
-34.7678

■ 228.8310, 12.9013,
-31.4238

■ 69.3340, 20.0483,
-37.1269

■ 244.8340, 5.0118,
-20.9024

■ 45.0240, 20.2012,
-39.4860

■ 253.8040, 0.5896,
-2.4591

■ 29.9610, 15.7952,
-26.2758

■ 15.1260, 12.2629,
-13.2655

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 147.7690, 20.3269,
-33.1234

■ 147.7690, 20.3269,
-33.1234

■ 137.9790, 25.1534,
-41.2006

■ 157.5590, 15.5004,
-25.0462

■ 128.1890, 29.9798,
-49.2778

■ 167.3490, 10.6739,
-16.9691

■ 117.8120, 35.0957,
-56.8401

■ 177.7260, 5.5581,
-9.4067

■ 108.0220, 39.9222,
-64.9173

■ 187.5160, 0.7316,
-1.3295

■ 98.2320, 44.7486,
-72.9945

■ 197.3060, -4.0949,
6.7476

■ 90.2250, 48.6961,
-79.1273

■ 206.7970, -8.7739,
14.2100

■ 216.5870,
-13.6004, 22.2872

■ 224.5830,
-17.5424, 26.6757

■ 229.2790,
-19.8575, 22.5573

Harmonies

Analogous

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



144.4490, 15.5546, -42.4898



147.7690, 20.3269, -33.1234



152.3630, 19.5410, -14.3504

Triad

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



147.7690, 20.3269, -33.1234



156.1720, -4.0288, 32.2982



148.9870, -13.7976, -7.8816

Complementary

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



147.7690, 20.3269, -33.1234



151.2310, -20.3269, 33.1234

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.



151.2450, -18.3618, 9.4321



147.7690, 20.3269, -33.1234



154.9950, -12.3225, 32.4534

Square

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



147.7690, 20.3269, -33.1234



156.6360, 5.6025, 23.1212



153.7460, -18.1158, 23.9018



146.5810, -4.7234, -25.0655

Rectangle

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



147.7690, 20.3269, -33.1234



154.3540, 16.5875, -0.3105



153.7460, -18.1158, 23.9018



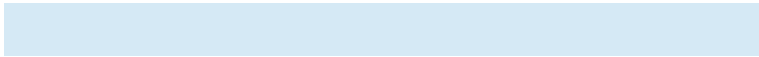
149.7490, -16.1453, -1.5339

Sweetspot

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



147.7690, 20.3269, -33.1234



228.3880, 8.1897, -13.4953



159.6790, -10.1947, -43.5685



112.2100, 4.8265, -8.0772



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.



147.7690, 20.3269, -33.1234



180.6340, 31.7324, -51.4220



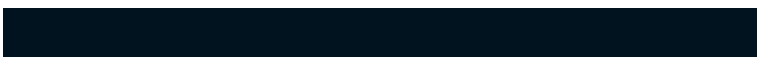
125.4630, 31.3237, -13.5611



89.5480, 2.1948, -3.9886



75.5380, 40.6538, -66.2468



14.6870, 8.0423, -12.8805

Inverse Universe

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



139.2070, 9.7579, 43.6685



167.4410, 15.0656, 68.0192



173.5370, -31.3237, 13.5611



88.3750, 1.2941, 4.9331



58.4140, 19.5159, 87.3369



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 147.7690, 20.3269, -33.1234 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 147.7690, 20.3269, -33.1234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

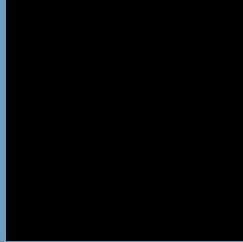
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.7690, 20.3269, -33.1234

Background



This preview shows how black text looks on a background with the YUV color 147.7690, 20.3269, -33.1234.



This preview shows how white text looks on a background with the YUV color 147.7690, 20.3269, -33.1234.

-33.1234.

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

147.7690, 20.3269, -33.1234

Protanopia

152.8540, 14.8620, -6.8880

Deuteranopia

153.1900, 18.6403, -5.4286



Tritanopia

146.0370, 13.7858, -35.1124

Trichromacy



Original Color

147.7690, 20.3269, -33.1234

Protanomaly

150.9560, 16.7837, -16.6244

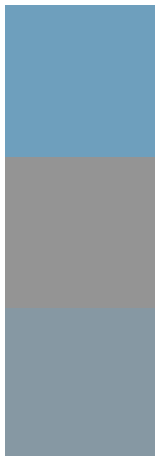
Deuteranomaly

151.5370, 18.9623, -15.3799

Tritanomaly

146.3190, 16.1117, -34.4828

Monochromacy



Original Color

147.7690, 20.3269, -33.1234

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.8720, 7.4581, -12.1657

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.7690, 20.3269, -33.1234 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, 159, 189)` looks like.

```
.text, #text, p{  
    color:rgb(110, 159, 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(110, 159, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 159, 189) }
```

Border

The CSS property to change the border of an element to YUV 147.7690, 20.3269, -33.1234 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

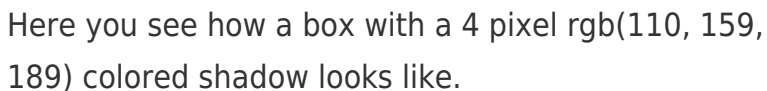
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 159, 189) }
```


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

```
.border{ border-color:rgb(110, 159, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 159, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 159, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 159, 189); box-shadow:4px 4px 4px 4px rgb(110, 159, 189) }
```

Background

The CSS property to change the background color of an element to YUV 147.7690, 20.3269, -33.1234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 159, 189) }
```

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

```
.background{ background-color: rgb(110,  
159, 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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