

Converting Colors

YUV(147.0180, 26.1201,
-24.5718)

Have a look what the booklet for
YUV(147.0180, 26.1201, -24.5718)
contains.

YUV(147.0180, 26.1201, -24.5718)	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(147.0180, 26.1201,
-24.5718)**

Conversions

Conversions Part 1

Format	Color
Hex	7797C8
RGB	119, 151, 200
RGB Percent	47%, 59%, 78%
CMY	0.5333, 0.4078, 0.2157
CMYK	0.40, 0.24, 0.00, 0.22
HSL	216°, 42%, 63%
HSV	216°, 40%, 78%
XYZ	29.0997, 30.2253, 58.9439
YIQ	147.0180, -34.8010, 8.4550

Conversions

Conversions Part 2

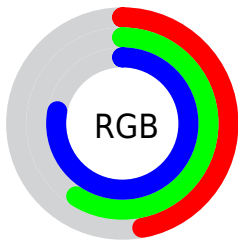
Format	Color
RYB	119, 142, 200
Decimal	7837640
CIELab	61.85, 1.44, -28.78
CIELCh	62, 28.816, 272.864
Yxy	30.2253, 0.2460, 0.2556
Android (android.graphics.Color)	4286027720 (0xFF7797C8)
YUV	147.0180, 26.1201, -24.5718
Hunter-Lab	54.9775, -1.7304, -25.0833

Details

The YUV color $147.0180, 26.1201, -24.5718$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $171.9820, -26.1201, 24.5718$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $201.4310, 26.4095, -24.0570$, and $95.0780, 25.1045, -25.5014$ is the 20% darker color. If you saturate the color by 10%, you get $133.9940, 32.5410, -30.6897$, and if you desaturate by 10%, it is $160.0420, 19.6993, -18.4538$.

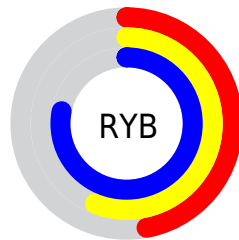
Distribution



Red (47%)

Green (59%)

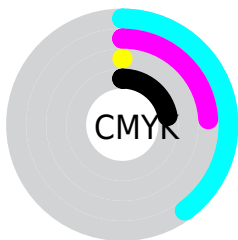
Blue (78%)



Red (47%)

Yellow (56%)

Blue (78%)

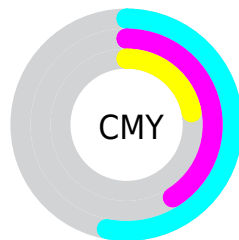


Cyan (40%)

Magenta (24%)

Yellow (0%)

Black (22%)



Cyan (53%)

Magenta (41%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.0180, 26.1201, -24.5718 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 147.0180, 26.1201, -24.5718 by changing the saturation by 10% instead.

■ 147.0180, 26.1201,
-24.5718

■ 147.0180, 26.1201,
-24.5718

■ 255.0000, 0.0000,
0.0000

■ 120.6050, 25.8307,
-25.0866

■ 201.4310, 26.4095,
-24.0570

■ 95.0780, 25.1045,
-25.5014

■ 226.2390, 14.1792,
-21.2576

■ 70.2410, 24.5312,
-28.2754

■ 247.8240, 3.5378,
-14.7546

■ 42.5280, 25.8687,
-37.2971

■ 27.4650, 21.4628,
-24.0868

■ 10.7550, 18.3618,
-9.4321

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 147.0180, 26.1201,
-24.5718

■ 147.0180, 26.1201,
-24.5718

■ 133.9940, 32.5410,
-30.6897

■ 160.0420, 19.6993,
-18.4538

■ 120.9700, 38.9618,
-36.8077

■ 173.0660, 13.2785,
-12.3359

■ 107.9460, 45.3826,
-42.9256

■ 186.0900, 6.8576,
-6.2179

■ 94.9220, 51.8035,
-49.0436

■ 199.1140, 0.4368,
-0.1000

■ 81.8980, 58.2243,
-55.1615

■ 212.1380, -5.9840,
6.0180

■ 69.1730, 64.4977,
-60.6647

■ 225.7490,
-12.6943, 11.6211

■ 237.5770,
-18.5255, 15.2800

■ 244.6210,
-21.9982, 9.1024

■ 248.7300,
-24.0239, 5.4988

Harmonies

Analogous

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



139.3800, 26.9277, -50.3223



147.0180, 26.1201, -24.5718



151.8860, 19.7762, 3.6080

Triad

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



147.0180, 26.1201, -24.5718



151.5940, -14.0968, 41.5751



140.7500, -7.7648, -29.5987

Complementary

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



147.0180, 26.1201, -24.5718



171.9820, -26.1201, 24.5718

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.



144.6190, -19.0392, -6.6819



147.0180, 26.1201, -24.5718



149.7640, -22.0687, 31.7790

Square

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



147.0180, 26.1201, -24.5718



152.6830, -2.3087, 40.6200



147.9700, -24.6352, 14.9353



136.5160, 7.1406, -50.4415

Rectangle

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



147.0180, 26.1201, -24.5718



153.0900, 13.7596, 20.0921



147.9700, -24.6352, 14.9353



142.6540, -12.1544, -21.6216

Sweetspot

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



147.0180, 26.1201, -24.5718



234.5780, 10.0680, -9.2769



172.1330, -2.0376, -46.5976



116.1610, 5.8366, -5.4032



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



147.0180, 26.1201, -24.5718



173.0130, 40.4196, -37.7224



130.6260, 34.2014, -3.1800



92.7870, 3.0630, -2.4442



56.1500, 52.6770, -49.2435



12.3220, 11.6733, -10.8064

Inverse Universe

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



146.8670, 2.0376, 46.5976



172.9610, 2.9772, 71.9482



188.3740, -34.2014, 3.1800



93.0330, -0.0163, 5.2331



56.0330, 3.9277, 93.8101



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 147.0180, 26.1201, -24.5718 looks on a white background.

Color Contrast Check

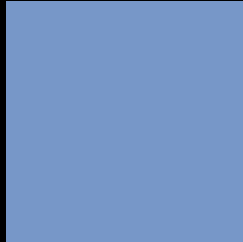
Large Text (above 18pt) WCAG AA × Fail

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 147.0180, 26.1201, -24.5718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

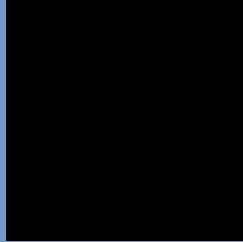
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

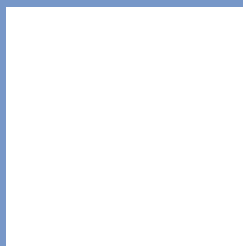
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 147.0180, 26.1201, -24.5718

Background



This preview shows how black text looks on a background with the YUV color 147.0180, 26.1201, -24.5718.



This preview shows how white text looks on a background with the YUV color 147.0180, 26.1201, -24.5718.

-24.5718.

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

147.0180, 26.1201, -24.5718

Protanopia

149.1120, 23.6088, -12.3762

Deuteranopia

149.2690, 25.5034, -13.3909



Tritanopia

144.6140, 12.0223, -29.4795

Trichromacy



Original Color

147.0180, 26.1201, -24.5718

Protanomaly

148.0190, 24.6406, -16.6797

Deuteranomaly

148.3610, 25.9510, -16.9796

Tritanomaly

145.5910, 16.9636, -27.7053

Monochromacy



Original Color

147.0180, 26.1201, -24.5718

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7630, 9.4838, -8.5622

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0180, 26.1201, -24.5718 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(119, 151, 200)` looks like.

```
.text, #text, p{  
    color:rgb(119, 151, 200)  
}
```

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(119, 151, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 151, 200) }
```

Border

The CSS property to change the border of an element to YUV 147.0180, 26.1201, -24.5718 is called "border".

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

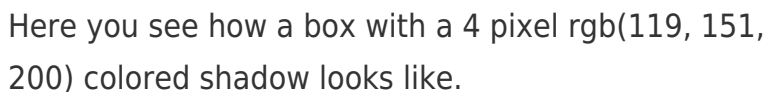
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 151, 200) }
```


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

```
.border{ border-color:rgb(119, 151, 200) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 151, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 151, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 151, 200);  
box-shadow:4px 4px 4px 4px rgb(119, 151,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 147.0180, 26.1201, -24.5718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 151, 200) }
```

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

```
.background{ background-color: rgb(119,  
151, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor