

Converting Colors

YUV(149.8190, 17.8372,
-27.9053)

Have a look what the booklet for
YUV(149.8190, 17.8372, -27.9053)
contains.

YUV(149.8190, 17.8372, -27.9053)	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(149.8190, 17.8372,
-27.9053)**

Conversions

Conversions Part 1

Format	Color
Hex	769FBA
RGB	118, 159, 186
RGB Percent	46%, 62%, 73%
CMY	0.5373, 0.3765, 0.2706
CMYK	0.37, 0.15, 0.00, 0.27
HSL	204°, 33%, 60%
HSV	204°, 37%, 73%
XYZ	28.7323, 32.1930, 51.1539
YIQ	149.8190, -33.1030, -0.2950

Conversions

Conversions Part 2

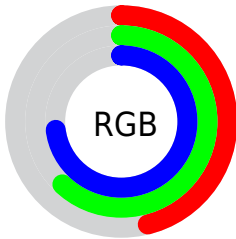
Format	Color
R_{YB}	118, 144, 186
Decimal	7774138
CIE _{Lab}	63.50, -7.11, -18.41
CIE _{LCh}	64, 19.732, 248.870
Yxy	32.1930, 0.2564, 0.2872
Android (android.graphics.Color)	4285964218 (0xFF769FBA)
YUV	149.8190, 17.8372, -27.9053
Hunter-Lab	56.7389, -8.9015, -13.7367

Details

The YUV color $149.8190, 17.8372, -27.9053$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $154.1810, -17.8372, 27.9053$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $204.6340, 18.4214, -28.6200$, and $98.2920, 17.1110, -28.3201$ is the 20% darker color. If you saturate the color by 10%, you get $140.0290, 22.6637, -35.9824$, and if you desaturate by 10%, it is $159.6090, 13.0108, -19.8281$.

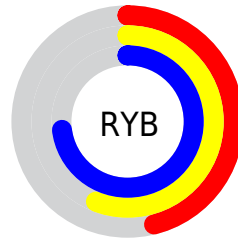
Distribution



Red (46%)

Green (62%)

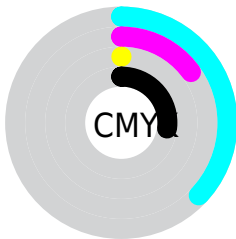
Blue (73%)



Red (46%)

Yellow (56%)

Blue (73%)

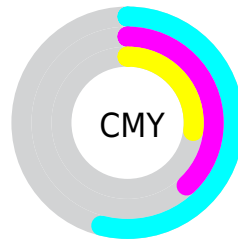


Cyan (37%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (54%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8190, 17.8372, -27.9053 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 149.8190, 17.8372, -27.9053 by changing the saturation by 10% instead.

■ 149.8190, 17.8372,
-27.9053

■ 149.8190, 17.8372,
-27.9053

255.0000, 0.0000,
0.0000

■ 123.7050, 17.4004,
-27.8053

■ 204.6340, 18.4214,
-28.6200

■ 98.2920, 17.1110,
-28.3201

■ 230.9240, 11.8695,
-27.1203

■ 72.9930, 17.2585,
-28.9349

■ 247.2260, 3.8326,
-15.9842

■ 47.0740, 17.7115,
-34.2679

■ 29.7330, 14.9216,
-26.0758

■ 14.8980, 11.3893,
-13.0655

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 149.8190, 17.8372,
-27.9053

■ 149.8190, 17.8372,
-27.9053

■ 140.0290, 22.6637,
-35.9824

■ 159.6090, 13.0108,
-19.8281

■ 129.9510, 27.6322,
-42.9300

■ 169.6870, 8.0423,
-12.8805

■ 120.1610, 32.4586,
-51.0072

■ 179.4770, 3.2158,
-4.8033

■ 110.0830, 37.4271,
-57.9548

■ 189.5550, -1.7526,
2.1443

■ 100.2930, 42.2536,
-66.0320

■ 199.3450, -6.5791,
10.2214

■ 90.5030, 47.0800,
-74.1091

■ 209.1350,
-11.4056, 18.2986

■ 86.9480, 48.8326,
-76.2534

■ 219.2130,
-16.3740, 25.2462

■ 225.4150,
-19.4316, 25.9460

■ 229.5240,
-21.4573, 22.3425

Harmonies

Analogous

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



147.0260, 13.7912, -36.8568



149.8190, 17.8372, -27.9053



153.6900, 16.9148, -12.0061

Triad

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



149.8190, 17.8372, -27.9053



156.5630, -3.7286, 29.3242



150.1550, -11.9084, -7.1519

Complementary

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



149.8190, 17.8372, -27.9053



154.1810, -17.8372, 27.9053

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.



152.4020, -16.4672, 8.4174



149.8190, 17.8372, -27.9053



155.3150, -11.0013, 28.6647

Square

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



149.8190, 17.8372, -27.9053



157.0980, 4.8817, 20.9621



153.8920, -16.2158, 21.1427



148.5320, -3.7133, -22.3916

Rectangle

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



149.8190, 17.8372, -27.9053



155.0830, 14.2561, 0.8042



153.8920, -16.2158, 21.1427



151.3190, -13.9613, -2.0338

Sweetspot

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



149.8190, 17.8372, -27.9053



228.3560, 6.7265, -10.8362



160.8800, -8.3218, -37.6058



113.6940, 4.0949, -6.7476



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.



149.8190, 17.8372, -27.9053



185.6520, 27.7796, -43.5448



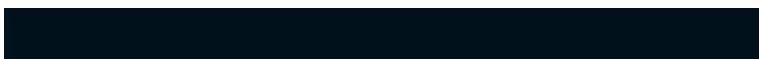
130.4480, 27.3871, -10.9169



86.9610, 2.4842, -3.4738



72.9620, 40.9377, -63.9877



13.1710, 7.3107, -11.5510

Inverse Universe

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



143.0060, 7.8850, 37.7057



174.9900, 12.3299, 58.7678



173.5520, -27.3871, 10.9169



86.2610, 0.8573, 5.0331



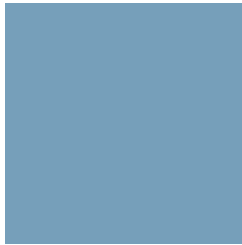
57.3600, 18.0635, 86.5073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 149.8190, 17.8372, -27.9053 looks on a white background.

Color Contrast Check

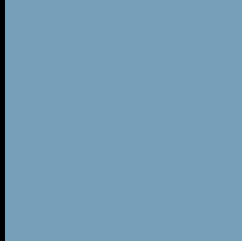
Large Text (above 18pt) WCAG AA × Fail

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 149.8190, 17.8372, -27.9053 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

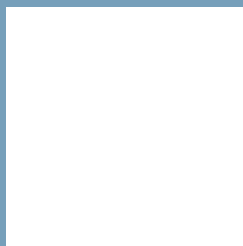
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.8190, 17.8372, -27.9053

Background



This preview shows how black text looks on a background with the YUV color 149.8190, 17.8372, -27.9053.



This preview shows how white text looks on a background with the YUV color 149.8190, 17.8372, -27.9053.

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

149.8190, 17.8372, -27.9053

Protanopia

153.8110, 13.4042, -5.9732

Deuteranopia

154.6310, 16.4509, -3.1844



Tritanopia

148.7280, 12.4591, -29.5795

Trichromacy



Original Color

149.8190, 17.8372, -27.9053

Protanomaly

152.5110, 15.0311, -14.4801

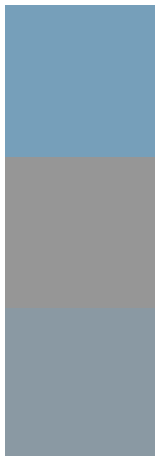
Deuteranomaly

152.6900, 16.9148, -12.0061

Tritanomaly

148.8960, 14.3483, -28.8498

Monochromacy



Original Color

149.8190, 17.8372, -27.9053

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.6550, 6.5791, -10.2214

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8190, 17.8372, -27.9053 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(118, 159, 186)` looks like.

```
.text, #text, p{  
    color:rgb(118, 159, 186)  
}
```

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(118, 159, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 159, 186) }
```

Border

The CSS property to change the border of an element to YUV 149.8190, 17.8372, -27.9053 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(118, 159, 186) }
```


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

```
.border{ border-color:rgb(118, 159, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 159, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 159, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 159, 186);  
box-shadow:4px 4px 4px 4px rgb(118, 159,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 149.8190, 17.8372, -27.9053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 159, 186) }
```

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

```
.background{ background-color: rgb(118,  
159, 186) }
```

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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