

Converting Colors

YUV(149.6350, 37.1549,
-17.2199)

Have a look what the booklet for
YUV(149.6350, 37.1549, -17.2199)
contains.

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Color

**YUV(149.6350, 37.1549,
-17.2199)**

Conversions

Conversions Part 1

Format	Color
Hex	8291E1
RGB	130, 145, 225
RGB Percent	51%, 57%, 88%
CMY	0.4902, 0.4314, 0.1176
CMYK	0.42, 0.36, 0.00, 0.12
HSL	231°, 61%, 70%
HSV	231°, 42%, 88%
XYZ	32.9219, 30.4329, 75.3731
YIQ	149.6350, -34.6200, 21.7000

Conversions

Conversions Part 2

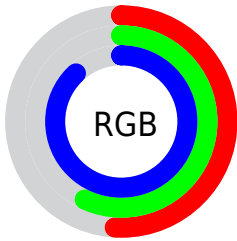
Format	Color
RYB	130, 143, 225
Decimal	8557025
CIELab	62.03, 14.83, -42.39
CIELCh	62, 44.912, 289.275
Yxy	30.4329, 0.2373, 0.2194
Android (android.graphics.Color)	4286747105 (0xFF8291E1)
YUV	149.6350, 37.1549, -17.2199
Hunter-Lab	55.1660, 9.9846, -42.3915

Details

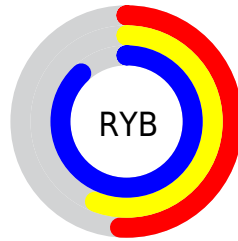
The YUV color $149.6350, 37.1549, -17.2199$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $205.3650, -37.1549, 17.2199$, and the grayscale version is $149.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $201.4970, 26.3770, -13.5909$, and $97.4560, 35.2712, -19.6939$ is the 20% darker color. If you saturate the color by 10%, you get $131.6050, 46.0437, -21.5786$, and if you desaturate by 10%, it is $167.6650, 28.2662, -12.8612$.

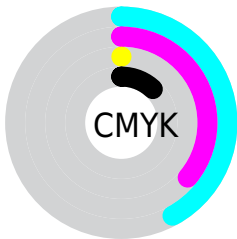
Distribution



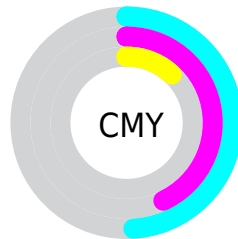
- Red (51%)
- Green (57%)
- Blue (88%)



- Red (51%)
- Yellow (56%)
- Blue (88%)



- Cyan (42%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)



- Cyan (49%)
- Magenta (43%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.6350, 37.1549, -17.2199 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 149.6350, 37.1549, -17.2199 by changing the saturation by 10% instead.

■ 149.6350, 37.1549,
-17.2199

■ 149.6350, 37.1549,
-17.2199

255.0000, 0.0000,
0.0000

■ 122.8090, 36.5762,
-18.2495

■ 201.4970, 26.3770,
-13.5909

■ 97.4560, 35.2712,
-19.6939

■ 226.6040, 13.9992,
-10.1767

■ 71.3200, 34.8452,
-23.0826

■ 251.7110, 1.6215,
-6.7625

■ 43.1830, 35.8988,
-34.3635

■ 27.3970, 31.3563,
-24.0272

■ 9.3990, 28.3973,
-8.2429

■ 6.7770, 18.3509,

-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 149.6350, 37.1549,
-17.2199

■ 149.6350, 37.1549,
-17.2199

■ 131.6050, 46.0437,
-21.5786

■ 167.6650, 28.2662,
-12.8612

■ 113.8740, 54.7851,
-25.3225

■ 185.3960, 19.5248,
-9.1173

■ 95.8440, 63.6739,
-29.6812

■ 203.1270, 10.7834,
-5.3734

■ 78.1130, 72.4153,
-33.4251

■ 221.1570, 1.8946,
-1.0147

■ 60.0830, 81.3041,
-37.7838

■ 239.1870, -6.9942,
3.3440

■ 46.7820, 87.8615,
-41.0278

■ 251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



128.3060, 49.1491, -84.4604



149.6350, 37.1549, -17.2199



154.6530, 23.3421, 26.6143

Triad

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



149.6350, 37.1549, -17.2199



149.1970, -28.6911, 55.9552



122.2530, 5.7913, -84.4139

Complementary

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



149.6350, 37.1549, -17.2199



205.3650, -37.1549, 17.2199

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.



138.2970, -20.8524, -31.8325



149.6350, 37.1549, -17.2199



147.5350, -38.2248, 33.7338

Square

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



149.6350, 37.1549, -17.2199



150.9050, -12.2782, 64.9813



144.0320, -35.5118, 3.4799



119.7400, 27.2432, -105.0120

Rectangle

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



149.6350, 37.1549, -17.2199



153.9240, 12.3625, 48.3017



144.0320, -35.5118, 3.4799



130.5350, -5.1938, -60.9822

Sweetspot

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



149.6350, 37.1549, -17.2199



228.6970, 12.9674, -5.8733



194.7710, 7.0149, -56.8042



111.1550, 8.3046, -3.6439



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.



149.6350, 37.1549, -17.2199



151.5600, 50.9959, -23.2931



150.3980, 36.7788, 10.1750



103.4280, 4.2260, -2.1294



36.5000, 68.7735, -32.0105



10.1680, 18.6512, -8.9173

Inverse Universe

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



160.1150, -7.4517, 56.9041



166.1500, -10.4270, 77.9214



204.6020, -36.7788, -10.1750



104.5170, -0.7479, 6.5626



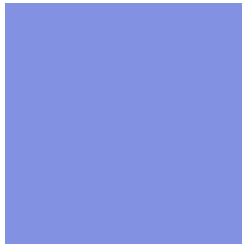
55.8160, -13.7133, 105.4014



15.2640, -3.5812, 28.7095

Previews

White Background



This preview shows how the YUV color 149.6350, 37.1549, -17.2199 looks on a white background.

Color Contrast Check

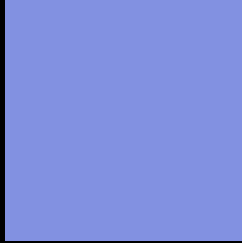
Large Text (above 18pt) WCAG AA × Fail

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 149.6350, 37.1549, -17.2199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

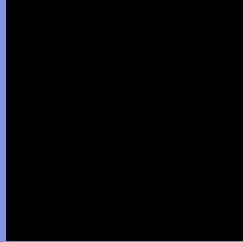
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.6350, 37.1549, -17.2199

Background



This preview shows how black text looks on a background with the YUV color 149.6350, 37.1549, -17.2199.



This preview shows how white text looks on a background with the YUV color 149.6350, 37.1549, -17.2199.

-17.2199.

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

149.6350, 37.1549, -17.2199

Protanopia

148.6450, 38.6290, -23.3677

Deuteranopia

147.3840, 37.7717, -28.4008



Tritanopia

145.2230, 11.7221, -26.5056

Trichromacy



Original Color

149.6350, 37.1549, -17.2199

Protanomaly

148.8410, 38.0394, -20.9086

Deuteranomaly

148.2920, 37.3240, -24.8121

Tritanomaly

146.6500, 20.8786, -23.3720

Monochromacy



Original Color

149.6350, 37.1549, -17.2199

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.8110, 13.4042, -5.9732

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.6350, 37.1549, -17.2199 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(130, 145, 225)` looks like.

```
.text, #text, p{  
    color:rgb(130, 145, 225)  
}
```

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(130, 145, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 145, 225) }
```

Border

The CSS property to change the border of an element to YUV 149.6350, 37.1549, -17.2199 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(130, 145, 225) }
```


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

```
.border{ border-color:rgb(130, 145, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 145, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 145, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 145, 225);  
box-shadow:4px 4px 4px 4px rgb(130, 145,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 149.6350, 37.1549, -17.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 145, 225) }
```

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

```
.background{ background-color: rgb(130,  
145, 225) }
```

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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