

Converting Colors

YUV(150.7450, 37.1007, 0.2236)

Have a look what the booklet for
YUV(150.7450, 37.1007, 0.2236)
contains.

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Color

**YUV(150.7450, 37.1007,
0.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	9788E2
RGB	151, 136, 226
RGB Percent	59%, 53%, 89%
CMY	0.4078, 0.4667, 0.1137
CMYK	0.33, 0.40, 0.00, 0.11
HSL	250°, 61%, 71%
HSV	250°, 40%, 89%
XYZ	35.2941, 29.6786, 75.8198
YIQ	150.7450, -19.9500, 31.1700

Conversions

Conversions Part 2

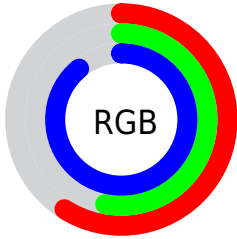
Format	Color
R_{YB}	151, 136, 226
Decimal	9930978
CIE _{Lab}	61.38, 25.87, -43.86
CIE _{LCh}	61, 50.923, 300.528
Yxy	29.6786, 0.2507, 0.2108
Android (android.graphics.Color)	4288121058 (0xFF9788E2)
YUV	150.7450, 37.1007, 0.2236
Hunter-Lab	54.4781, 20.3062, -44.3822

Details

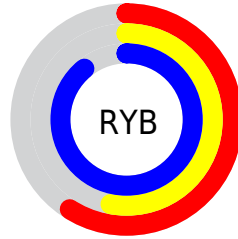
The YUV color $150.7450, 37.1007, 0.2236$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $211.2550, -37.1007, -0.2236$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $201.9060, 26.1753, 4.4674$, and $98.8650, 35.0696, -1.6356$ is the 20% darker color. If you saturate the color by 10%, you get $131.5630, 46.5574, 0.3832$, and if you desaturate by 10%, it is $169.9270, 27.6440, 0.0640$.

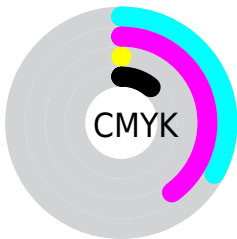
Distribution



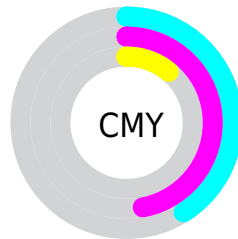
- Red (59%)
- Green (53%)
- Blue (89%)



- Red (59%)
- Yellow (53%)
- Blue (89%)



- Cyan (33%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)



- Cyan (41%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.7450, 37.1007, 0.2236 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 150.7450, 37.1007, 0.2236 by changing the saturation by 10% instead.

■ 150.7450, 37.1007,
0.2236

■ 150.7450, 37.1007,
0.2236

■ 255.0000, 0.0000,
0.0000

■ 124.8050, 36.0851,
-0.7060

■ 201.9060, 26.1753,
4.4674

■ 98.8650, 35.0696,
-1.6356

■ 227.0130, 13.7976,
7.8816

■ 74.2130, 33.9120,
-3.6948

■ 249.7170, 2.6045,
4.6332

■ 49.9630, 33.0492,
-6.9836

■ 24.0220, 33.5132,
-15.8053

■ 7.7520, 29.7023,
-6.7985

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 150.7450, 37.1007,
0.2236

■ 150.7450, 37.1007,
0.2236

■ 131.5630, 46.5574,
0.3832

■ 169.9270, 27.6440,
0.0640

■ 112.9680, 55.7248,
0.0281

■ 188.5220, 18.4767,
0.4192

■ 94.0850, 65.0341,
0.8025

■ 207.7040, 9.0199,
0.2596

■ 75.4900, 74.2014,
0.4473

■ 226.0000, 0.0000,
0.0000

■ 56.3080, 83.6582,
0.6069

■ 245.1820, -9.4567,
-0.1596

■ 37.1260, 93.1149,
0.7665

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



133.0890, 51.7211, -69.3611



150.7450, 37.1007, 0.2236



152.2640, 20.0828, 45.3725

Triad

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



150.7450, 37.1007, 0.2236



145.8950, -37.4162, 54.4661



116.6620, 15.4496, -102.3126

Complementary

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



150.7450, 37.1007, 0.2236



211.2550, -37.1007, -0.2236

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.



129.0920, -13.3564, -56.2087



150.7450, 37.1007, 0.2236



143.4710, -44.6022, 25.8969

Square

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



150.7450, 37.1007, 0.2236



147.3590, -20.8830, 71.5992



138.8300, -35.9052, -10.3749



121.7920, 35.1055, -106.8116

Rectangle

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



150.7450, 37.1007, 0.2236



150.2420, 6.7827, 64.6858



138.8300, -35.9052, -10.3749



114.8380, 8.4609, -100.7129

Sweetspot

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



150.7450, 37.1007, 0.2236



229.3280, 12.6563, 0.5893



190.2850, 17.6075, -47.6079



112.9490, 7.4201, 0.0447



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.



150.7450, 37.1007, 0.2236



152.8880, 50.3412, 0.0982



164.2000, 30.4674, 27.8886



102.8520, 4.5100, 0.1298



28.7350, 72.6016, 0.2324



7.8640, 19.7870, 0.1193

Inverse Universe

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



171.4600, 19.4932, 47.8316



181.1060, 26.5697, 64.8050



197.8000, -30.4674, -27.8886



105.3150, 2.3097, 5.8627



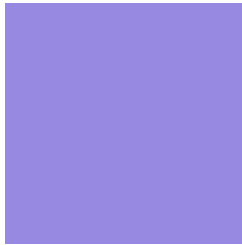
69.3820, 38.2657, 93.5040



18.9120, 10.3964, 25.5102

Previews

White Background



This preview shows how the YUV color 150.7450, 37.1007, 0.2236 looks on a white background.

Color Contrast Check

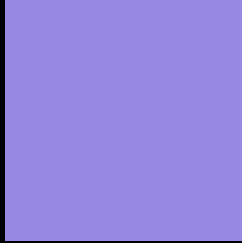
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.7450, 37.1007, 0.2236 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 × Fail

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

YUV 150.7450, 37.1007, 0.2236

Background



This preview shows how black text looks on a background with the YUV color 150.7450, 37.1007, 0.2236.



This preview shows how white text looks on a background with the YUV color 150.7450, 37.1007,

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

150.7450, 37.1007, 0.2236

Protanopia

146.1760, 43.2972, -27.3414

Deuteranopia

145.6120, 38.6453, -28.6007



Tritanopia

147.4810, 7.1579, -9.1918

Trichromacy



Original Color

150.7450, 37.1007, 0.2236

Protanomaly

147.9600, 40.9387, -17.5049

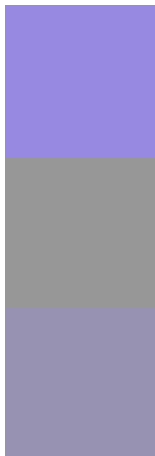
Deuteranomaly

147.5640, 38.1759, -18.0346

Tritanomaly

148.6630, 17.9141, -5.8435

Monochromacy



Original Color

150.7450, 37.1007, 0.2236

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1430, 13.2405, -0.1254

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7450, 37.1007, 0.2236 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(151, 136, 226)` looks like.

```
.text, #text, p{  
    color:rgb(151, 136, 226)  
}
```

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(151, 136, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 136, 226) }
```

Border

The CSS property to change the border of an element to YUV 150.7450, 37.1007, 0.2236 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(151, 136, 226) }
```


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

```
.border{ border-color:rgb(151, 136, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 136, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 136, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 136, 226);  
box-shadow:4px 4px 4px 4px rgb(151, 136,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 150.7450, 37.1007, 0.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 136, 226) }
```

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

```
.background{ background-color: rgb(151,  
136, 226) }
```

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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