

Converting Colors

YUV(152.2730, 32.8964,
-4.6244)

Have a look what the booklet for
YUV(152.2730, 32.8964, -4.6244)
contains.

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Color

**YUV(152.2730, 32.8964,
-4.6244)**

Conversions

Conversions Part 1

Format	Color
Hex	938EDB
RGB	147, 142, 219
RGB Percent	58%, 56%, 86%
CMY	0.4235, 0.4431, 0.1412
CMYK	0.33, 0.35, 0.00, 0.14
HSL	244°, 52%, 71%
HSV	244°, 35%, 86%
XYZ	34.4918, 30.6635, 71.1186
YIQ	152.2730, -21.7370, 25.0070

Conversions

Conversions Part 2

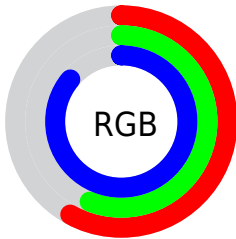
Format	Color
R_{YB}	147, 142, 219
Decimal	9670363
CIE _{Lab}	62.22, 19.47, -38.66
CIE _{LCh}	62, 43.289, 296.733
Yxy	30.6635, 0.2531, 0.2250
Android (android.graphics.Color)	4287860443 (0xFF938EDB)
YUV	152.2730, 32.8964, -4.6244
Hunter-Lab	55.3747, 14.2786, -37.3849

Details

The YUV color $152.2730, 32.8964, -4.6244$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $208.7270, -32.8964, 4.6244$, and the grayscale version is $152.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $204.8190, 24.7392, -1.5953$, and $100.5070, 31.3020, -6.5836$ is the 20% darker color. If you saturate the color by 10%, you get $133.3790, 42.2112, -5.5944$, and if you desaturate by 10%, it is $171.1670, 23.5817, -3.6545$.

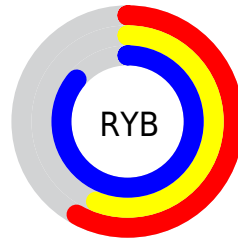
Distribution



Red (58%)

Green (56%)

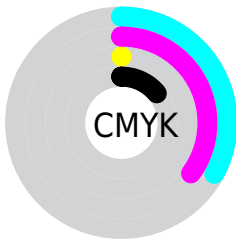
Blue (86%)



Red (58%)

Yellow (56%)

Blue (86%)

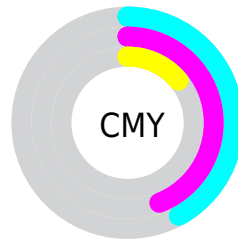


Cyan (33%)

Magenta (35%)

Yellow (0%)

Black (14%)



Cyan (42%)

Magenta (44%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.2730, 32.8964, -4.6244 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 152.2730, 32.8964, -4.6244 by changing the saturation by 10% instead.

■ 152.2730, 32.8964,
-4.6244

■ 152.2730, 32.8964,
-4.6244

■ 255.0000, 0.0000,
0.0000

■ 125.7460, 32.1702,
-5.0392

■ 204.8190, 24.7392,
-1.5953

■ 100.5070, 31.3020,
-6.5836

■ 229.9260, 12.3615,
1.8189

■ 75.5670, 30.2865,
-7.5133

■ 253.2390, 0.8682,
1.5444

■ 51.6160, 29.2763,
-10.1872

■ 26.8600, 29.1560,
-18.2942

■ 7.1820, 27.5183,
-6.2986

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 152.2730, 32.8964,
-4.6244

■ 152.2730, 32.8964,
-4.6244

■ 133.3790, 42.2112,
-5.5944

■ 171.1670, 23.5817,
-3.6545

■ 114.1860, 51.6733,
-7.1791

■ 190.3600, 14.1195,
-2.0697

■ 95.2920, 60.9880,
-8.1491

■ 209.2540, 4.8048,
-1.0998

■ 76.0990, 70.4502,
-9.7338

■ 228.4470, -4.6574,
0.4850

■ 57.7920, 79.4755,
-11.2186

■ 247.3410,
-13.9721, 1.4549

■ 38.5990, 88.9377,
-12.8033

■ 250.8960,
-15.7247, 3.5992

■ 29.1520, 93.5951,
-13.2883

Harmonies

Analogous

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



139.5760, 43.1000, -57.5102



152.2730, 32.8964, -4.6244



155.1440, 18.6630, 34.0767

Triad

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



152.2730, 32.8964, -4.6244



149.8820, -31.0008, 50.0925



116.3200, 14.1392, -102.0126

Complementary

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



152.2730, 32.8964, -4.6244



208.7270, -32.8964, 4.6244

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.



137.1480, -14.8630, -39.5948



152.2730, 32.8964, -4.6244



147.4200, -37.1821, 25.9417

Square

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



152.2730, 32.8964, -4.6244



150.8570, -16.1985, 62.3924



143.3130, -31.7063, -3.7825



120.7660, 31.1744, -105.9118

Rectangle

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



152.2730, 32.8964, -4.6244



153.9800, 7.4049, 51.7605



143.3130, -31.7063, -3.7825



128.4890, 1.2379, -70.5889

Sweetspot

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



152.2730, 32.8964, -4.6244



230.7900, 11.9355, -1.5698



193.6290, 12.5079, -45.2786



113.2370, 7.2782, -1.0848



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.



152.2730, 32.8964, -4.6244



162.2910, 45.7055, -6.3942



163.3360, 27.4424, 18.1223



100.2540, 4.8048, -1.0998



23.0110, 73.9446, -10.5336



6.1410, 19.6505, -2.7547

Inverse Universe

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



173.2310, 20.0991, 40.1394



191.3930, 27.9073, 55.7833



197.6640, -27.4424, -18.1223



103.4290, 2.7465, 5.7628



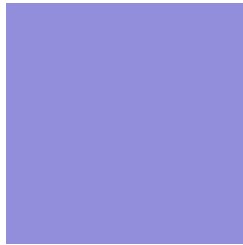
70.1950, 45.2599, 90.1600



18.6560, 12.0016, 23.9807

Previews

White Background



This preview shows how the YUV color 152.2730, 32.8964, -4.6244 looks on a white background.

Color Contrast Check

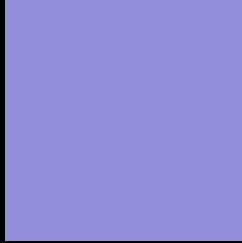
Large Text (above 18pt) WCAG AA × Fail

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 152.2730, 32.8964, -4.6244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

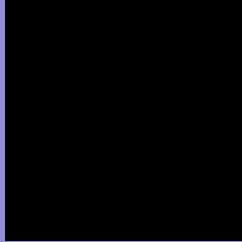
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.2730, 32.8964, -4.6244

Background



This preview shows how black text looks on a background with the YUV color 152.2730, 32.8964, -4.6244.



This preview shows how white text looks on a background with the YUV color 152.2730, 32.8964, -4.6244.

-4.6244.

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

152.2730, 32.8964, -4.6244

Protanopia

149.4880, 36.7344, -22.3530

Deuteranopia

149.0920, 33.9716, -22.8827



Tritanopia

148.9860, 7.8949, -12.2657

Trichromacy



Original Color

152.2730, 32.8964, -4.6244

Protanomaly

150.4780, 35.2603, -16.2052

Deuteranomaly

150.0220, 33.5132, -15.8053

Tritanomaly

150.1140, 17.1988, -9.7470

Monochromacy



Original Color

152.2730, 32.8964, -4.6244

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.7900, 11.9355, -1.5698

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.2730, 32.8964, -4.6244 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(147, 142, 219)` looks like.

```
.text, #text, p{  
    color:rgb(147, 142, 219)  
}
```

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(147, 142, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 142, 219) }
```

Border

The CSS property to change the border of an element to YUV 152.2730, 32.8964, -4.6244 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(147, 142, 219) }
```


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

```
.border{ border-color:rgb(147, 142, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 142, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 142, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 142, 219);  
box-shadow:4px 4px 4px 4px rgb(147, 142,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 152.2730, 32.8964, -4.6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 142, 219) }
```

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

```
.background{ background-color: rgb(147,  
142, 219) }
```

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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