

Converting Colors

YUV(152.6900, 40.5788, 4.6569)

Have a look what the booklet for
YUV(152.6900, 40.5788, 4.6569)
contains.

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Color

**YUV(152.6900, 40.5788,
4.6569)**

Conversions

Conversions Part 1

Format	Color
Hex	9E86EB
RGB	158, 134, 235
RGB Percent	62%, 53%, 92%
CMY	0.3804, 0.4745, 0.0784
CMYK	0.33, 0.43, 0.00, 0.08
HSL	254°, 72%, 72%
HSV	254°, 43%, 92%
XYZ	37.6210, 30.3175, 82.4663
YIQ	152.6900, -18.1170, 36.4990

Conversions

Conversions Part 2

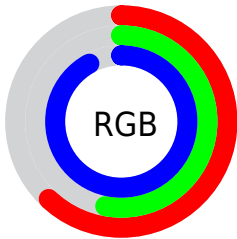
Format	Color
RYB	158, 134, 235
Decimal	10389227
CIELab	61.93, 31.22, -47.95
CIElCh	62, 57.218, 303.069
Yxy	30.3175, 0.2501, 0.2016
Android (android.graphics.Color)	4288579307 (0xFF9E86EB)
YUV	152.6900, 40.5788, 4.6569
Hunter-Lab	55.0613, 25.6042, -50.2568

Details

The YUV color **152.6900, 40.5788, 4.6569** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **216.3100, -40.5788, -4.6569**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1240, 25.5749, 10.4153**, and **100.5110, 38.6951, 2.1829** is the 20% darker color. If you saturate the color by 10%, you get **133.8070, 49.8881, 5.4313**, and if you desaturate by 10%, it is **172.1600, 30.9801, 3.3677**.

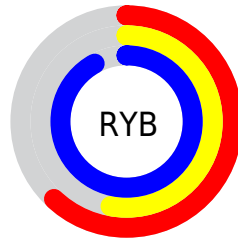
Distribution



Red (62%)

Green (53%)

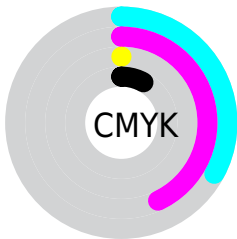
Blue (92%)



Red (62%)

Yellow (53%)

Blue (92%)

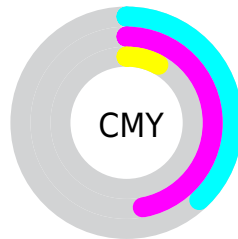


Cyan (33%)

Magenta (43%)

Yellow (0%)

Black (8%)



Cyan (38%)

Magenta (47%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.6900, 40.5788, 4.6569 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 152.6900, 40.5788, 4.6569 by changing the saturation by 10% instead.

■ 152.6900, 40.5788,
4.6569

■ 152.6900, 40.5788,
4.6569

255.0000, 0.0000,
0.0000

■ 126.3370, 39.2739,
3.2125

■ 203.1240, 25.5749,
10.4153

■ 100.5110, 38.6951,
2.1829

■ 228.2310, 13.1971,
13.8294

■ 75.1580, 37.3901,
0.7384

■ 248.5430, 3.1833,
5.6628

■ 50.9080, 36.5274,
-2.5503

■ 25.2660, 36.8439,
-10.7573

■ 8.5500, 32.7599,
-7.4984

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 152.6900, 40.5788,
4.6569

■ 152.6900, 40.5788,
4.6569

■ 133.8070, 49.8881,
5.4313

■ 172.1600, 30.9801,
3.3677

■ 114.3370, 59.4869,
6.7205

■ 191.0430, 21.6708,
2.5933

■ 95.4540, 68.7962,
7.4948

■ 210.5130, 12.0721,
1.3041

■ 75.9840, 78.3949,
8.7840

■ 229.3960, 2.7628,
0.5297

■ 57.1010, 87.7042,
9.5584

■ 248.8660, -6.8359,
-0.7595

■ 43.5340, 94.3927,
10.9327

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



129.4770, 59.9108, -82.8563



152.6900, 40.5788, 4.6569



152.9600, 21.2187, 54.4091

Triad

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



152.6900, 40.5788, 4.6569



146.1960, -43.9736, 57.7101



119.5800, 16.4761, -104.8717

Complementary

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



152.6900, 40.5788, 4.6569



216.3100, -40.5788, -4.6569

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.



122.3560, -10.5285, -76.6112



152.6900, 40.5788, 4.6569



143.3370, -51.4381, 25.1375

Square

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



152.6900, 40.5788, 4.6569



147.3770, -24.8359, 79.4764



138.1730, -39.5253, -15.9377



124.8070, 39.0421, -109.4557

Rectangle

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



152.6900, 40.5788, 4.6569



150.3080, 6.7502, 75.1519



138.1730, -39.5253, -15.9377



117.0550, 9.3399, -102.6572

Sweetspot

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



152.6900, 40.5788, 4.6569



228.1540, 13.2351, 1.6189



190.7130, 21.8335, -49.7373



110.8890, 8.4357, 0.9743



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.



152.6900, 40.5788, 4.6569



146.7300, 53.3771, 6.3758



167.6400, 33.2085, 35.3957



107.8520, 4.5100, 0.1298



33.4910, 72.7219, 8.3394



10.0430, 21.6708, 2.5933

Inverse Universe

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



172.9770, 18.7453, 54.3942



173.2810, 24.5115, 71.6676



201.3600, -33.2085, -35.3957



110.3150, 2.3097, 5.8627



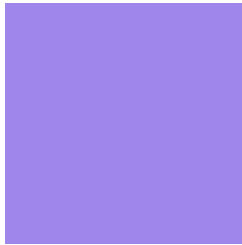
69.8510, 33.5975, 97.4777



20.8200, 9.9487, 29.0989

Previews

White Background



This preview shows how the YUV color 152.6900, 40.5788, 4.6569 looks on a white background.

Color Contrast Check

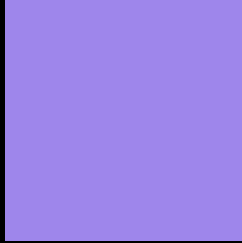
Large Text (above 18pt) WCAG AA × Fail

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 152.6900, 40.5788, 4.6569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

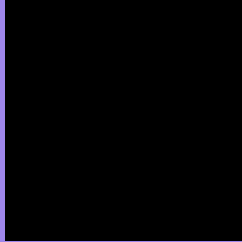
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.6900, 40.5788, 4.6569

Background



This preview shows how black text looks on a background with the YUV color 152.6900, 40.5788, 4.6569.



This preview shows how white text looks on a background with the YUV color 152.6900, 40.5788,

4.6569.

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

152.6900, 40.5788, 4.6569

Protanopia

146.3370, 49.1339, -32.7445

Deuteranopia

145.9040, 42.4453, -34.1188



Tritanopia

149.2750, 6.2734, -5.5032

Trichromacy



Original Color

152.6900, 40.5788, 4.6569

Protanomaly

148.9150, 45.8909, -19.2195

Deuteranomaly

148.7640, 41.5283, -19.9640

Tritanomaly

150.3260, 19.0663, -2.0399

Monochromacy



Original Color

152.6900, 40.5788, 4.6569

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9090, 14.8349, 1.8338

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.6900, 40.5788, 4.6569 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(158, 134, 235)` looks like.

```
.text, #text, p{  
    color:rgb(158, 134, 235)  
}
```

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(158, 134, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 134, 235) }
```

Border

The CSS property to change the border of an element to YUV 152.6900, 40.5788, 4.6569 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(158, 134, 235) }
```


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

```
.border{ border-color:rgb(158, 134, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 134, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 134, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 134, 235);  
box-shadow:4px 4px 4px 4px rgb(158, 134,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 152.6900, 40.5788, 4.6569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 134, 235) }
```

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

```
.background{ background-color: rgb(158,  
134, 235) }
```

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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