

Converting Colors

YUV(156.8090, 40.0272,
-5.0945)

Have a look what the booklet for
YUV(156.8090, 40.0272, -5.0945)
contains.

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Color

**YUV(156.8090, 40.0272,
-5.0945)**

Conversions

Conversions Part 1

Format	Color
Hex	9790EE
RGB	151, 144, 238
RGB Percent	59%, 56%, 93%
CMY	0.4078, 0.4353, 0.0667
CMYK	0.37, 0.39, 0.00, 0.07
HSL	244°, 73%, 75%
HSV	244°, 39%, 93%
XYZ	38.1684, 32.6989, 85.1887
YIQ	156.8090, -26.0020, 30.7180

Conversions

Conversions Part 2

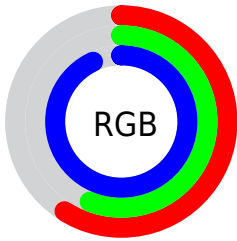
Format	Color
RYB	151, 144, 238
Decimal	9933038
CIELab	63.92, 24.42, -46.50
CIELCh	64, 52.525, 297.703
Yxy	32.6989, 0.2446, 0.2095
Android (android.graphics.Color)	4288123118 (0xFF9790EE)
YUV	156.8090, 40.0272, -5.0945
Hunter-Lab	57.1829, 19.0748, -48.2997

Details

The YUV color **156.8090, 40.0272, -5.0945** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **225.1910, -40.0272, 5.0945**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4880, 23.4234, 0.4490**, and **104.6300, 38.1434, -7.5685** is the 20% darker color. If you saturate the color by 10%, you get **136.1430, 50.2155, -6.2644**, and if you desaturate by 10%, it is **177.4750, 29.8388, -3.9246**.

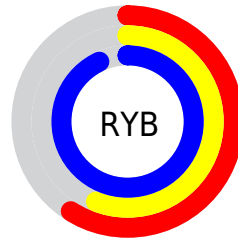
Distribution



Red (59%)

Green (56%)

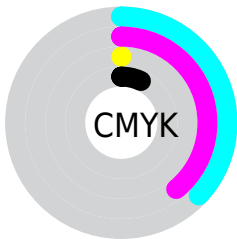
Blue (93%)



Red (59%)

Yellow (56%)

Blue (93%)

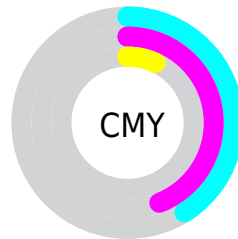


Cyan (37%)

Magenta (39%)

Yellow (0%)

Black (7%)



Cyan (41%)

Magenta (44%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.8090, 40.0272, -5.0945 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 156.8090, 40.0272, -5.0945 by changing the saturation by 10% instead.

■ 156.8090, 40.0272,
-5.0945

■ 156.8090, 40.0272,
-5.0945

255.0000, 0.0000,
0.0000

■ 129.8690, 39.0116,
-6.0241

■ 207.4880, 23.4234,
0.4490

■ 104.6300, 38.1434,
-7.5685

■ 232.5950, 11.0457,
3.8632

■ 78.9780, 36.9858,
-9.6277

■ 54.4290, 36.2705,
-13.5312

■ 27.4770, 36.7398,
-24.0973

■ 11.2400, 32.9127,
-9.8575

■ 9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 156.8090, 40.0272,
-5.0945

■ 156.8090, 40.0272,
-5.0945

■ 136.1430, 50.2155,
-6.2644

■ 177.4750, 29.8388,
-3.9246

■ 115.4770, 60.4038,
-7.4343

■ 198.1410, 19.6505,
-2.7547

■ 95.3980, 70.3028,
-9.1190

■ 218.2200, 9.7515,
-1.0699

■ 74.7320, 80.4911,
-10.2890

■ 238.8860, -0.4368,
0.1000

■ 54.0660, 90.6795,
-11.4589

■ 253.0620, -7.4256,
1.6996

■ 33.4000, 100.8678,
-12.6288

■ 32.5140, 101.3046,
-12.7288

Harmonies

Analogous

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



133.8420, 56.2799, -84.9304



156.8090, 40.0272, -5.0945



159.3500, 22.9985, 43.5431

Triad

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



156.8090, 40.0272, -5.0945



153.1020, -38.0113, 58.6695



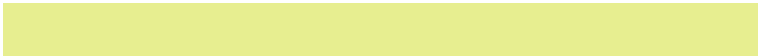
121.5860, 14.0081, -106.6309

Complementary

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



156.8090, 40.0272, -5.0945



225.1910, -40.0272, 5.0945

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.



136.9030, -16.7142, -52.5349



156.8090, 40.0272, -5.0945



150.0370, -46.3602, 29.7856

Square

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



156.8090, 40.0272, -5.0945



154.0220, -19.7308, 75.4027



145.7550, -38.8262, -6.8011



126.9440, 34.5376, -111.3299

Rectangle

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



156.8090, 40.0272, -5.0945



157.2250, 9.2561, 64.7007



145.7550, -38.8262, -6.8011



119.0610, 6.8719, -104.4165

Sweetspot

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



156.8090, 40.0272, -5.0945



228.4310, 13.0985, -1.2550



206.3720, 15.5926, -54.7002



112.3510, 7.7150, -1.1848



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.



156.8090, 40.0272, -5.0945



151.3710, 51.0891, -6.4644



170.5630, 33.2464, 23.1852



109.6670, 5.0942, -0.5850



25.1620, 78.3071, -9.7891



7.5800, 23.8711, -3.1397

Inverse Universe

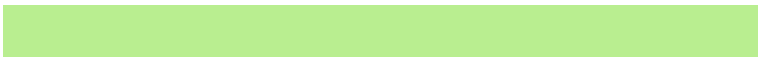
The Inverse Universe completely reimagines the original color for something new.



182.0240, 24.1452, 49.0910



183.5340, 30.7957, 62.6757



211.4370, -33.2464, -23.1852



112.8420, 3.0359, 6.2776



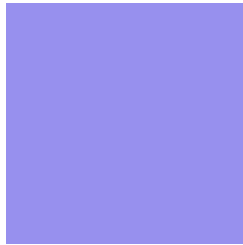
74.3960, 47.1328, 96.1227



22.6720, 14.4587, 29.2287

Previews

White Background



This preview shows how the YUV color 156.8090, 40.0272, -5.0945 looks on a white background.

Color Contrast Check

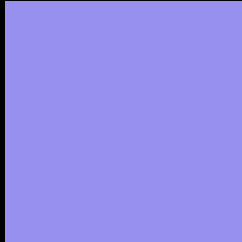
Large Text (above 18pt) WCAG AA × Fail

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 156.8090, 40.0272, -5.0945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

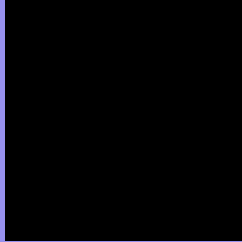
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.8090, 40.0272, -5.0945

Background



This preview shows how black text looks on a background with the YUV color 156.8090, 40.0272, -5.0945.



This preview shows how white text looks on a background with the YUV color 156.8090, 40.0272, -5.0945.

-5.0945.

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

156.8090, 40.0272, -5.0945

Protanopia

153.0340, 45.3392, -28.9708

Deuteranopia

151.6870, 41.5663, -32.1745



Tritanopia

152.9040, 8.9213, -14.8248

Trichromacy



Original Color

156.8090, 40.0272, -5.0945

Protanomaly

154.2200, 43.2755, -20.3639

Deuteranomaly

153.3400, 41.2444, -22.2232

Tritanomaly

154.2000, 20.1144, -11.5764

Monochromacy



Original Color

156.8090, 40.0272, -5.0945

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.7730, 14.4089, -1.5549

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.8090, 40.0272, -5.0945 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, 144, 238)` looks like.

```
.text, #text, p{  
    color:rgb(151, 144, 238)  
}
```

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, 144, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 144, 238) }
```

Border

The CSS property to change the border of an element to YUV 156.8090, 40.0272, -5.0945 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, 144, 238) }
```


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

```
.border{ border-color:rgb(151, 144, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 144, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 144, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 144, 238); box-shadow:4px 4px 4px 4px rgb(151, 144, 238) }
```

Background

The CSS property to change the background color of an element to YUV 156.8090, 40.0272, -5.0945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 144, 238) }
```

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

```
.background{ background-color: rgb(151,  
144, 238) }
```

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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