

Converting Colors

YUV(156.8930, 29.1398,
-13.0612)

Have a look what the booklet for
YUV(156.8930, 29.1398, -13.0612)
contains.

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Color

**YUV(156.8930, 29.1398,
-13.0612)**

Conversions

Conversions Part 1

Format	Color
Hex	8E99D8
RGB	142, 153, 216
RGB Percent	56%, 60%, 85%
CMY	0.4431, 0.4000, 0.1529
CMYK	0.34, 0.29, 0.00, 0.15
HSL	231°, 49%, 70%
HSV	231°, 34%, 85%
XYZ	34.9412, 33.4911, 69.5886
YIQ	156.8930, -26.7790, 17.2610

Conversions

Conversions Part 2

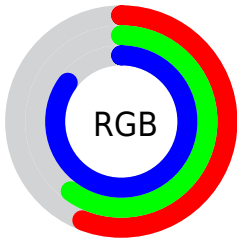
Format	Color
R _Y B	142, 152, 216
Decimal	9345496
CIE Lab	64.56, 10.95, -33.38
CIE LCh	65, 35.136, 288.167
Yxy	33.4911, 0.2532, 0.2427
Android (android.graphics.Color)	4287535576 (0xFF8E99D8)
YUV	156.8930, 29.1398, -13.0612
Hunter-Lab	57.8715, 6.4983, -30.7842

Details

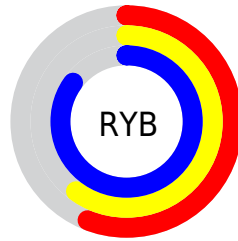
The YUV color **156.8930, 29.1398, -13.0612** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **201.1070, -29.1398, 13.0612**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.4820, 22.4404, -10.9467**, and **104.8390, 27.6874, -13.8908** is the 20% darker color. If you saturate the color by 10%, you get **139.7490, 37.5917, -17.3199**, and if you desaturate by 10%, it is **174.0370, 20.6878, -8.8024**.

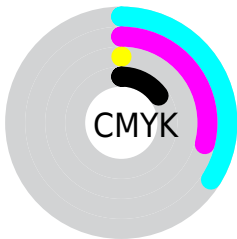
Distribution



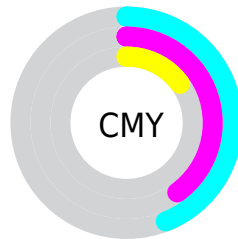
- Red (56%)
- Green (60%)
- Blue (85%)



- Red (56%)
- Yellow (60%)
- Blue (85%)



- Cyan (34%)
- Magenta (29%)
- Yellow (0%)
- Black (15%)



- Cyan (44%)
- Magenta (40%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.8930, 29.1398, -13.0612 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 156.8930, 29.1398, -13.0612 by changing the saturation by 10% instead.

■ 156.8930, 29.1398,
-13.0612

■ 156.8930, 29.1398,
-13.0612

255.0000, 0.0000,
0.0000

■ 130.3660, 28.4136,
-13.4760

■ 209.4820, 22.4404,
-10.9467

■ 104.8390, 27.6874,
-13.8908

■ 234.5890, 10.0626,
-7.5326

■ 79.8990, 26.6718,
-14.8204

■ 56.0620, 26.0984,
-17.5944

■ 30.4200, 26.4149,
-25.8013

■ 14.5850, 22.8826,
-12.7910

■ 6.0930, 15.7302,

-5.3436

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 156.8930, 29.1398,
-13.0612

■ 156.8930, 29.1398,
-13.0612

■ 139.7490, 37.5917,
-17.3199

■ 174.0370, 20.6878,
-8.8024

■ 122.3170, 46.1857,
-20.4490

■ 191.4690, 12.0938,
-5.6733

■ 105.1730, 54.6377,
-24.7077

■ 208.6130, 3.6418,
-1.4146

■ 87.7410, 63.2317,
-27.8369

■ 226.0450, -4.9522,
1.7145

■ 70.5970, 71.6837,
-32.0956

■ 243.1890,
-13.4042, 5.9732

■ 53.4530, 80.1357,
-36.3543

■ 250.5540,
-17.0351, 3.8991

■ 43.4080, 85.0879,
-38.0688

Harmonies

Analogous

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



147.0300, 34.4952, -50.8923



156.8930, 29.1398, -13.0612



161.0560, 18.7064, 20.1219

Triad

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



156.8930, 29.1398, -13.0612



157.6240, -22.9856, 45.9338



142.3710, 0.3101, -52.9454

Complementary

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



156.8930, 29.1398, -13.0612



201.1070, -29.1398, 13.0612

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.



148.0900, -16.8064, -22.8809



156.8930, 29.1398, -13.0612



155.0920, -29.6254, 28.8603

Square

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



156.8930, 29.1398, -13.0612



159.0990, -9.9088, 51.6562



152.6930, -27.9496, 4.6542



132.5640, 20.9209, -83.8096

Rectangle

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



156.8930, 29.1398, -13.0612



161.1630, 9.7796, 36.6910



152.6930, -27.9496, 4.6542



144.7160, -6.2690, -42.7239

Sweetspot

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



156.8930, 29.1398, -13.0612



234.6110, 10.0518, -4.0438



192.6200, 6.1033, -44.3937



114.9980, 6.4100, -2.6292



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.



156.8930, 29.1398, -13.0612



171.3620, 41.2335, -18.7345



158.2100, 28.4905, 8.5858



98.4280, 4.2260, -2.1294



34.1690, 67.4577, -29.9662



8.4240, 17.0460, -7.3878

Inverse Universe

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



165.3800, -6.1033, 44.3937



183.2190, -8.4890, 62.9519



199.7900, -28.4905, -8.5858



99.5170, -0.7479, 6.5626



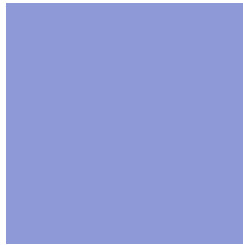
53.9790, -14.2866, 102.6274



13.5410, -3.7177, 25.8355

Previews

White Background



This preview shows how the YUV color 156.8930, 29.1398, -13.0612 looks on a white background.

Color Contrast Check

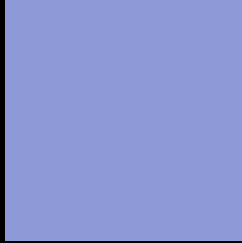
Large Text (above 18pt) WCAG AA × Fail

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 156.8930, 29.1398, -13.0612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

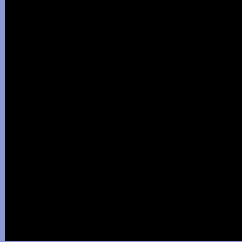
Any Text WCAG AA ✓ Pass

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 156.8930, 29.1398, -13.0612 Background



This preview shows how black text looks on a background with the YUV color 156.8930, 29.1398, -13.0612.



This preview shows how white text looks on a background with the YUV color 156.8930, 29.1398, -13.0612.

-13.0612.

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

156.8930, 29.1398, -13.0612

Protanopia

156.0990, 30.0242, -16.7498

Deuteranopia

155.9850, 29.5874, -16.6498



Tritanopia

153.8110, 9.9532, -19.1282

Trichromacy



Original Color

156.8930, 29.1398, -13.0612

Protanomaly

156.6970, 29.7294, -15.5203

Deuteranomaly

156.5830, 29.2926, -15.4203

Tritanomaly

154.9560, 16.7837, -16.6244

Monochromacy



Original Color

156.8930, 29.1398, -13.0612

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.3120, 10.1992, -4.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.8930, 29.1398, -13.0612 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(142, 153, 216)` looks like.

```
.text, #text, p{  
    color:rgb(142, 153, 216)  
}
```

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(142, 153, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 153, 216) }
```

Border

The CSS property to change the border of an element to YUV 156.8930, 29.1398, -13.0612 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(142, 153, 216) }
```


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

```
.border{ border-color:rgb(142, 153, 216) }
```

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

Here you see how a box with a 4 pixel rgb(142, 153, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 153, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 153, 216);  
box-shadow:4px 4px 4px 4px rgb(142, 153,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 156.8930, 29.1398, -13.0612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 153, 216) }
```

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

```
.background{ background-color: rgb(142,  
153, 216) }
```

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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