

Converting Colors

YUV(139.9250, 24.1940,
33.3918)

Have a look what the booklet for
YUV(139.9250, 24.1940, 33.3918)
contains.

YUV(139.9250, 24.1940, 33.3918)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(139.9250, 24.1940,
33.3918)**

Conversions

Conversions Part 1

Format	Color
Hex	B26FBD
RGB	178, 111, 189
RGB Percent	70%, 44%, 74%
CMY	0.3020, 0.5647, 0.2588
CMYK	0.06, 0.41, 0.00, 0.26
HSL	292°, 37%, 59%
HSV	292°, 41%, 74%
XYZ	33.2298, 24.5080, 51.1232
YIQ	139.9250, 14.8940, 38.4620

Conversions

Conversions Part 2

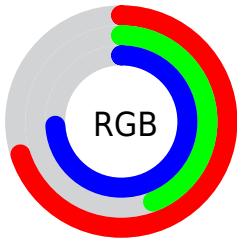
Format	Color
R _Y B	178, 111, 189
Decimal	11694013
CIE Lab	56.59, 39.34, -30.29
CIE LCh	57, 49.645, 322.405
Yxy	24.5080, 0.3053, 0.2251
Android (android.graphics.Color)	4289884093 (0xFFB26FBD)
YUV	139.9250, 24.1940, 33.3918
Hunter-Lab	49.5055, 33.1808, -26.5735

Details

The YUV color **139.9250, 24.1940, 33.3918** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **160.0750, -24.1940, -33.3918**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5770, 25.3515, 35.4510**, and **88.2730, 23.0364, 31.3326** is the 20% darker color. If you saturate the color by 10%, you get **127.8750, 30.1346, 41.3286**, and if you desaturate by 10%, it is **151.9750, 18.2533, 25.4549**.

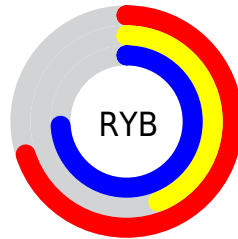
Distribution



Red (70%)

Green (44%)

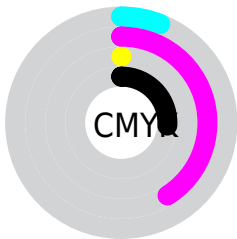
Blue (74%)



Red (70%)

Yellow (44%)

Blue (74%)

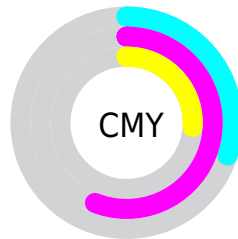


Cyan (6%)

Magenta (41%)

Yellow (0%)

Black (26%)



Cyan (30%)


Magenta (56%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.9250, 24.1940, 33.3918 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 139.9250, 24.1940, 33.3918 by changing the saturation by 10% instead.


 139.9250, 24.1940,
33.3918


 139.9250, 24.1940,
33.3918


255.0000, 0.0000,
0.0000


 114.0990, 23.6152,
32.3622


 194.5770, 25.3515,
35.4510


 88.2730, 23.0364,
31.3326


 218.0190, 18.2316,
32.4323


 62.9740, 23.1838,
30.7178

 234.4550, 10.1287,
18.0180

 35.9140, 24.1994,
31.6474

 251.4780, 1.7363,
3.0888

 21.3060, 19.5691,
23.4106

 11.9210, 13.3499,
11.4703

 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 139.9250, 24.1940,
33.3918

■ 139.9250, 24.1940,
33.3918

■ 127.8750, 30.1346,
41.3286

■ 151.9750, 18.2533,
25.4549

■ 116.1240, 35.9279,
49.8803

■ 163.7260, 12.4601,
16.9033

■ 104.0740, 41.8685,
57.8171

■ 175.7760, 6.5194,
8.9664

■ 92.0240, 47.8092,
65.7540

■ 187.8260, 0.5788,
1.0296

■ 80.8600, 53.3130,
73.7908

■ 199.5770, -5.2145,
-7.5220

■ 69.9840, 58.6749,
80.6980

■ 211.0400,
-10.8657, -14.9441

■ 223.0900,
-16.8064, -22.8809

■ 230.7320,
-20.5739, -27.8290

■ 231.6290,
-21.0161, -25.9846

Harmonies

Analogous

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



135.9280, 39.4755, -14.8459



139.9250, 24.1940, 33.3918



137.0030, 5.9145, 63.1414

Triad

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



139.9250, 24.1940, 33.3918



132.0850, -42.4399, 32.3745



111.1970, 27.5109, -97.5198

Complementary

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



139.9250, 24.1940, 33.3918



160.0750, -24.1940, -33.3918

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.



105.5940, 8.5812, -92.6059



139.9250, 24.1940, 33.3918



127.9130, -38.4111, 0.0763

Square

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



139.9250, 24.1940, 33.3918



133.8830, -32.4803, 57.9846



120.8830, -19.6623, -40.2394



112.9530, 44.3932, -99.0598

Rectangle

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



139.9250, 24.1940, 33.3918



135.0890, -7.9319, 70.9589



120.8830, -19.6623, -40.2394



109.6010, 21.3957, -96.1201

Sweetspot

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



139.9250, 24.1940, 33.3918



226.1940, 9.2714, 12.9849



126.9360, 30.5976, -13.9759



111.4230, 5.2145, 7.5220



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



139.9250, 24.1940, 33.3918



167.7160, 38.1010, 52.8691



140.1360, 10.7790, 42.8537



88.4180, 2.7519, 4.0184



58.6760, 48.9667, 67.8131



11.3080, 9.7082, 12.8849

Inverse Universe

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



135.5760, -6.6930, 46.8528



160.8290, -10.2687, 73.8180



159.8640, -10.7790, -42.8537



87.8050, -0.8899, 5.4330



49.7500, -13.6807, 94.9352



9.7250, -2.8224, 18.6582

Previews

White Background



This preview shows how the YUV color 139.9250, 24.1940, 33.3918 looks on a white background.

Color Contrast Check

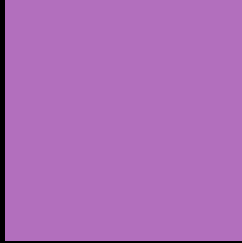
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.9250, 24.1940, 33.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

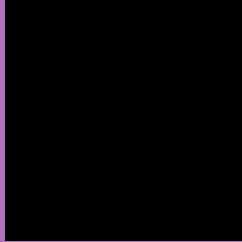
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.9250, 24.1940, 33.3918

Background



This preview shows how black text looks on a background with the YUV color 139.9250, 24.1940, 33.3918.



This preview shows how white text looks on a background with the YUV color 139.9250, 24.1940,

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

139.9250, 24.1940, 33.3918

Protanopia

135.1460, 35.4240, -22.0530

Deuteranopia

136.2260, 24.0456, -12.4762



Tritanopia

138.1930, -2.5601, 27.8947

Trichromacy



Original Color

139.9250, 24.1940, 33.3918



Protanomaly

137.1270, 30.9964, -1.8654



Deuteranomaly

137.6240, 23.8494, 3.8378



Tritanomaly

139.0220, 6.8912, 29.7987

Monochromacy



Original Color

139.9250, 24.1940, 33.3918



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

139.7810, 8.9820, 12.4701

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.9250, 24.1940, 33.3918 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(178, 111, 189)` looks like.

```
.text, #text, p{  
    color:rgb(178, 111, 189)  
}
```

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(178, 111, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 111, 189) }
```

Border

The CSS property to change the border of an element to YUV 139.9250, 24.1940, 33.3918 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(178, 111, 189) }
```


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

```
.border{ border-color:rgb(178, 111, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 111, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 111, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 111, 189);  
box-shadow:4px 4px 4px 4px rgb(178, 111,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 139.9250, 24.1940, 33.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 111, 189) }
```

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

```
.background{ background-color: rgb(178,  
111, 189) }
```

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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