

Converting Colors

YUV(137.5980, 19.9182, 4.7376)

Have a look what the booklet for
YUV(137.5980, 19.9182, 4.7376)
contains.

YUV(137.5980, 19.9182, 4.7376)	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(137.5980, 19.9182,
4.7376)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7FB2
RGB	143, 127, 178
RGB Percent	56%, 50%, 70%
CMY	0.4392, 0.5020, 0.3020
CMYK	0.20, 0.29, 0.00, 0.30
HSL	259°, 25%, 60%
HSV	259°, 29%, 70%
XYZ	26.9529, 24.2327, 45.3763
YIQ	137.5980, -6.8350, 19.2530

Conversions

Conversions Part 2

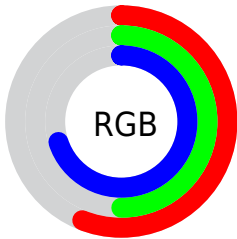
Format	Color
R_{YB}	143, 127, 178
Decimal	9404338
CIE _{Lab}	56.32, 16.77, -24.70
CIE _{LCh}	56, 29.854, 304.172
Yxy	24.2327, 0.2791, 0.2510
Android (android.graphics.Color)	4287594418 (0xFF8F7FB2)
YUV	137.5980, 19.9182, 4.7376
Hunter-Lab	49.2268, 11.5866, -20.1937

Details

The YUV color **137.5980, 19.9182, 4.7376** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **167.4020, -19.9182, -4.7376**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2390, 21.0812, 5.0524**, and **87.5440, 18.4658, 3.9079** is the 20% darker color. If you saturate the color by 10%, you get **123.4440, 26.8961, 6.6266**, and if you desaturate by 10%, it is **151.7520, 12.9403, 2.8485**.

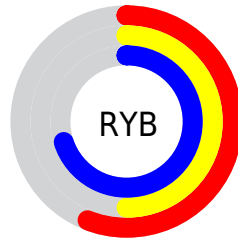
Distribution



Red (56%)

Green (50%)

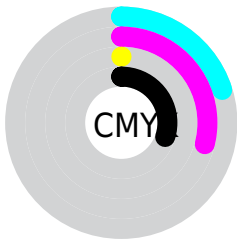
Blue (70%)



Red (56%)

Yellow (50%)

Blue (70%)

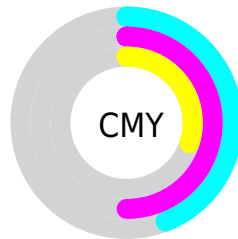


Cyan (20%)

Magenta (29%)

Yellow (0%)

Black (30%)



Cyan (44%)

Magenta (50%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.5980, 19.9182, 4.7376 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 137.5980, 19.9182, 4.7376 by changing the saturation by 10% instead.

■ 137.5980, 19.9182,
4.7376

■ 137.5980, 19.9182,
4.7376

■ 255.0000, 0.0000,
0.0000

■ 112.0710, 19.1920,
4.3227

■ 191.2390, 21.0812,
5.0524

■ 87.5440, 18.4658,
3.9079

■ 218.1530, 18.1656,
6.8818

■ 63.7180, 17.8870,
2.8783

■ 243.5480, 5.6458,
9.1664

■ 41.1910, 17.1608,
2.4635

■ 19.9520, 16.2927,
0.9191

■ 4.1210, 13.2513,
-3.6141

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 137.5980, 19.9182,
4.7376

■ 137.5980, 19.9182,
4.7376

■ 123.4440, 26.8961,
6.6266

■ 151.7520, 12.9403,
2.8485

■ 109.2900, 33.8740,
8.5157

■ 165.9060, 5.9623,
0.9594

■ 95.4240, 40.7100,
9.2752

■ 179.7720, -0.8736,
0.2000

■ 81.2700, 47.6879,
11.1642

■ 193.9260, -7.8515,
-1.6891

■ 67.1160, 54.6658,
13.0533

■ 208.0800,
-14.8294, -3.5782

■ 52.9620, 61.6437,
14.9423

■ 222.2340,
-21.8074, -5.4672

■ 38.5090, 68.7691,
16.2166

■ 236.6870,
-28.9327, -6.7415

■ 37.0360, 69.4953,
16.6314

■ 242.0360,
-31.5697, -0.9086

■ 245.6240,
-33.3386, 6.4688

Harmonies

Analogous

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



132.1320, 26.5569, -24.6718



137.5980, 19.9182, 4.7376



138.9940, 9.3700, 28.0693

Triad

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



137.5980, 19.9182, 4.7376



135.2370, -22.7948, 31.3642



120.2380, 8.7567, -55.4597

Complementary

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



137.5980, 19.9182, 4.7376



167.4020, -19.9182, -4.7376

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.



125.9670, -6.8857, -31.5431



137.5980, 19.9182, 4.7376



133.2580, -24.7772, 13.8057

Square

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



137.5980, 19.9182, 4.7376



136.4800, -14.5336, 41.6750



129.9070, -19.1812, -7.8114



116.2220, 23.0616, -70.3547

Rectangle

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



137.5980, 19.9182, 4.7376



138.5840, 1.1911, 38.0758



129.9070, -19.1812, -7.8114



122.5010, 3.2040, -47.7974

Sweetspot

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



137.5980, 19.9182, 4.7376



215.4870, 8.1409, 2.2039



153.9460, 11.8586, -23.6316



106.6780, 5.0887, 1.1594



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



137.5980, 19.9182, 4.7376



169.4810, 30.8219, 7.4712



145.0730, 16.2330, 20.1070



81.9230, 3.4890, 0.9445



31.7940, 59.7546, 14.2127



5.3560, 10.1775, 2.3188

Inverse Universe

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



146.2390, 7.7702, 27.8544



182.7770, 11.9419, 43.1686



159.9270, -16.2330, -20.1070



83.3750, 1.2941, 4.9331



57.7170, 23.3105, 83.5632



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 137.5980, 19.9182, 4.7376 looks on a white background.

Color Contrast Check

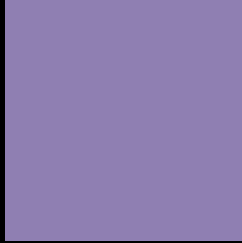
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.5980, 19.9182, 4.7376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

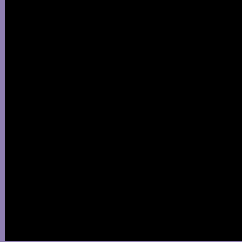
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.5980, 19.9182, 4.7376

Background



This preview shows how black text looks on a background with the YUV color 137.5980, 19.9182, 4.7376.



This preview shows how white text looks on a background with the YUV color 137.5980, 19.9182,

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

137.5980, 19.9182, 4.7376

Protanopia

135.1120, 23.6088, -12.3762

Deuteranopia

135.9230, 20.2510, -8.7025



Tritanopia

135.4500, 4.2152, 1.3594

Trichromacy



Original Color

137.5980, 19.9182, 4.7376

Protanomaly

136.1020, 22.1347, -6.2285

Deuteranomaly

136.5430, 19.9453, -3.9842

Tritanomaly

136.2420, 9.7407, 2.4188

Monochromacy



Original Color

137.5980, 19.9182, 4.7376

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.9600, 7.4147, 1.7891

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.5980, 19.9182, 4.7376 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(143, 127, 178)` looks like.

```
.text, #text, p{  
    color:rgb(143, 127, 178)  
}
```

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(143, 127, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 127, 178) }
```

Border

The CSS property to change the border of an element to YUV 137.5980, 19.9182, 4.7376 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(143, 127, 178) }
```


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

```
.border{ border-color:rgb(143, 127, 178) }
```

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

Here you see how a box with a 4 pixel rgb(143, 127, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 127, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 127, 178);  
box-shadow:4px 4px 4px 4px rgb(143, 127,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 137.5980, 19.9182, 4.7376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 127, 178) }
```

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

```
.background{ background-color: rgb(143,  
127, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor