Converting Colors

YUV(137.6910, 2.6173, 94.1100)

Have a look what the booklet for YUV(137.6910, 2.6173, 94.1100) contains.

YUV(137.6910, 2.6173, 94.1100) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

YUV(137.6910, 2.6173, 94.1100)

Conversions

Conversions Part 1

Format	Color
Hex	F5528F
RGB	245, 82, 143
RGB Percent	96%, 32%, 56%
CMY	0.0392, 0.6784, 0.4392
CMYK	0.00, 0.67, 0.42, 0.04
HSL	338°, 89%, 64%
HSV	338°, 67%, 96%
XYZ	45.6314, 27.4302, 28.8761
YIQ	137.6910, 77.5670, 53.5270

Conversions

Conversions Part 2

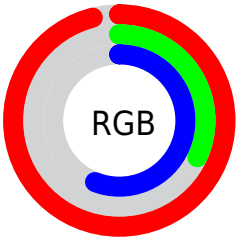
Format	Color
RYB	245, 82, 143
Decimal	16077455
CIELab	59.37, 66.64, 1.45
CIELCh	59, 66.655, 1.249
Yxy	27.4302, 0.4476, 0.2691
Android (android.graphics.Color)	4294267535 (0xFFF5528F)
YUV	137.6910, 2.6173, 94.1100
Hunter-Lab	52.3739, 63.8661, 3.9724

Details

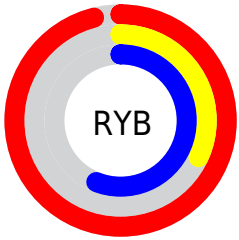
The YUV color 137.6910, 2.6173, 94.1100 is a light color, and the websafe version is hex FF6699. The color can be described as light muted rose. A complement of this color would be 189.3090, -2.6173, -94.1100, and the grayscale version is 138.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 180.8830, 7.9457, 65.0006, and 65.6180, 13.4993, 103.8210 is the 20% darker color. If you saturate the color by 10%, you get 121.8930, 3.0108, 107.9648, and if you desaturate by 10%, it is 154.0760, 1.9345, 79.7403.

Distribution

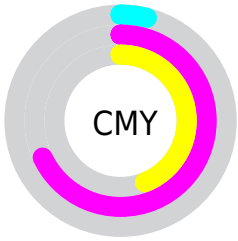


- Red (96%)
- Green (32%)
- Blue (56%)



- Red (96%)
- Yellow (32%)
- Blue (56%)

- Cyan (0%)
- Magenta (67%)
- Yellow (42%)
- Black (4%)



- Cyan (4%)
- Magenta (68%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6910, 2.6173, 94.1100 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 137.6910, 2.6173, 94.1100 by changing the saturation by 10% instead.

137.6910, 2.6173, 94.1100

255.0000, 0.0000, 0.0000

180.8830, 7.9457, 65.0006

200.9840, 11.3469, 47.3720

221.3130, 15.6217, 29.5435

239.1510, 7.8136, 13.8996

137.6910, 2.6173, 94.1100

106.6740, 5.0907, 94.1249

65.6180, 13.4993, 103.8210

54.0260, 7.8752, 87.6772

42.5480, 2.6878, 71.4334

31.1840, -2.0627, 55.0896

20.6740, -8.7133, 41.5049

10.5790, -4.7224,

21.4172

0.0000, 0.0000, 0.0000

137.6910, 2.6173, 94.1100

137.6910, 2.6173, 94.1100

121.8930, 3.0108, 107.9648

154.0760, 1.9345, 79.7403

105.3940, 3.2568, 122.4345

169.9880, 1.9779, 65.7855

89.5960, 3.6502, 136.2893

186.3730, 1.2951, 51.4159

83.7430, 4.0707, 141.4224

202.1710, 0.9017, 37.5610

218.6700, 0.6557, 23.0914

234.4680, 0.2623, 9.2366

250.8530, -0.4205, -5.1331

252.0100, 1.4741, -6.1478

Harmonies

Analogous

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

145.1980, 27.0174, 61.2164

137.6910, 2.6173, 94.1100

136.7530, -25.0212, 92.3016

Triad

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

137.6910, 2.6173, 94.1100

128.0130, -50.2924, -15.7974

123.6110, 59.8448, -108.4068

Complementary

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

137.6910, 2.6173, 94.1100

189.3090, -2.6173, -94.1100

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.

122.2310, 39.3261, -107.1966

137.6910, 2.6173, 94.1100

106.9040, -11.7847, -93.7548

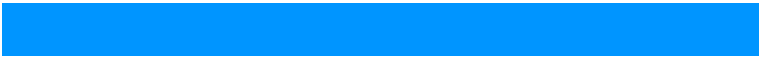
Square

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

137.6910, 2.6173, 94.1100

133.2980, -65.7159, 31.3107

116.2060, 13.7024, -101.9127



116.5330, 68.2642, -102.1994

Rectangle

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

137.6910, 2.6173, 94.1100

137.3710, -42.5809, 77.7276

116.2060, 13.7024, -101.9127

124.1180, 54.1718, -108.8515

Sweetspot

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

137.6910, 2.6173, 94.1100

221.4150, 0.7814, 29.4540

130.7810, 56.3100, 45.7961

107.5230, 0.2352, 17.9583

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.

137.6910, 2.6173, 94.1100

120.6600, 3.1256, 117.8162

141.8900, -29.5258, 90.4275

114.1580, 0.4151, 6.8774

63.5940, 3.1582, 107.3501

20.1490, 0.9125, 34.0723

Inverse Universe

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

137.6910, 2.6173, 94.1100

120.6600, 3.1256, 117.8162

185.1100, 29.5258, -90.4275

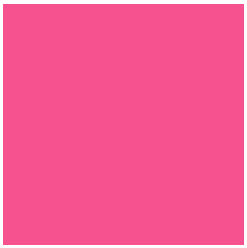
114.1580, 0.4151, 6.8774

63.5940, 3.1582, 107.3501

20.1490, 0.9125, 34.0723

Previews

White Background

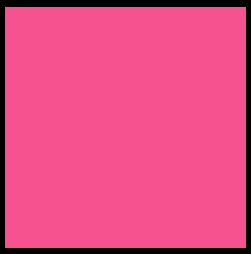


This preview shows how the YUV color 137.6910, 2.6173, 94.1100 looks on a white background.

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



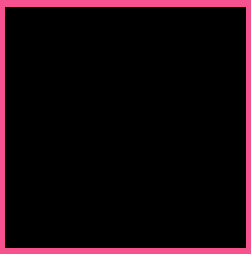
This preview shows how the YUV color 137.6910, 2.6173, 94.1100 looks on a black background.

Color Contrast Check

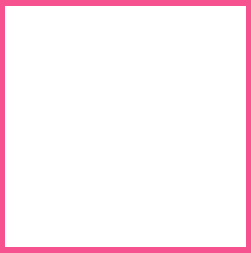
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

YUV 137.6910, 2.6173, 94.1100 Background



This preview shows how black text looks on a background with the YUV color 137.6910, 2.6173, 94.1100.



This preview shows how white text looks on a background with the YUV color 137.6910, 2.6173,

94.1100.

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

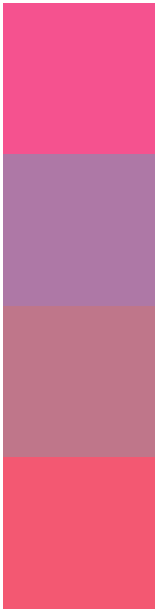
Original Color
137.6910, 2.6173, 94.1100

Protanopia
143.8260, 17.3408, -8.6174

Deuteranopia
144.2360, -4.5533, 13.8250

Tritanopia
137.5340, -19.4903, 91.6167

Trichromacy



Original Color
137.6910, 2.6173, 94.1100

Protanomaly
141.3900, 12.1327, 28.5990

Deuteranomaly
142.1070, -2.0248, 42.8792

Tritanomaly
137.3090, -11.4913, 92.6910

Monochromacy

Original Color
137.6910, 2.6173, 94.1100

Achromatopsia
138.0000, 0.0000, 0.0000

Achromatomaly
138.1490, 0.9125, 34.0723

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6910, 2.6173, 94.1100 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(245, 82, 143) looks like.

```
.text, #text, p{
    color:rgb(245, 82, 143)
}
```

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(245, 82, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 82, 143) }
```

Border

The CSS property to change the border of an element to YUV 137.6910, 2.6173, 94.1100 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(245, 82, 143) }
```

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

```
.border{ border-color:rgb(245, 82, 143) }
```

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

Here you see how a box with a 4 pixel rgb(245, 82, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 82, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 82, 143); box-shadow:4px 4px 4px 4px rgb(245, 82, 143) }
```

Background

The CSS property to change the background color of an element to YUV 137.6910, 2.6173, 94.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(245, 82, 143) }
```

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

```
.background{ background-color:rgb(245, 82,
143) }
```

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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