

Converting Colors

YUV(90.5910, 1.1876, 132.7857)

Have a look what the booklet for
YUV(90.5910, 1.1876, 132.7857)
contains.

YUV(90.5910, 1.1876, 132.7857)	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(90.5910, 1.1876,
132.7857)**

Conversions

Conversions Part 1

Format	Color
Hex	F20D5D
RGB	242, 13, 93
RGB Percent	95%, 5%, 36%
CMY	0.0510, 0.9490, 0.6353
CMYK	0.00, 0.95, 0.62, 0.05
HSL	339°, 90%, 50%
HSV	339°, 95%, 95%
XYZ	38.7377, 19.9554, 12.1660
YIQ	90.5910, 110.8040, 73.4280

Conversions

Conversions Part 2

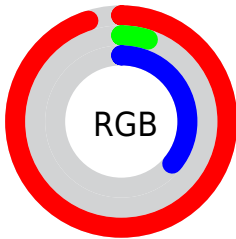
Format	Color
R_{YB}	242, 13, 93
Decimal	15863133
CIE _{Lab}	51.79, 78.53, 20.54
CIE _{LCh}	52, 81.169, 14.661
Yxy	19.9554, 0.5467, 0.2816
Android (android.graphics.Color)	4294053213 (0xFFFF20D5D)
YUV	90.5910, 1.1876, 132.7857
Hunter-Lab	44.6715, 76.6143, 15.1228

Details

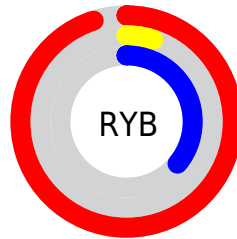
The YUV color **90.5910, 1.1876, 132.7857** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated red. A complement of this color would be **164.4090, -1.1876, -132.7857**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0730, -3.4870, 92.0210**, and **58.6940, -5.2721, 104.6314** is the 20% darker color. If you saturate the color by 10%, you get **82.0480, 1.4553, 140.2779**, and if you desaturate by 10%, it is **106.5030, 1.2310, 118.8309**.

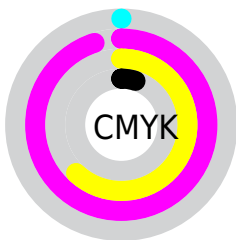
Distribution



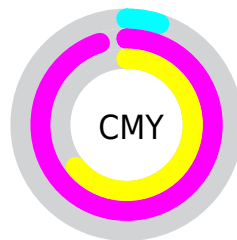
- Red (95%)
- Green (5%)
- Blue (36%)



- Red (95%)
- Yellow (5%)
- Blue (36%)



- Cyan (0%)
- Magenta (95%)
- Yellow (62%)
- Black (5%)





- Cyan (5%)
- Magenta (95%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.5910, 1.1876, 132.7857 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 90.5910, 1.1876, 132.7857 by changing the saturation by 10% instead.


 90.5910, 1.1876,
132.7857

 90.5910, 1.1876,
132.7857


255.0000, 0.0000,
0.0000

 70.7700, -0.3796,
122.1047


 150.0730, -3.4870,
92.0210


 58.6940, -5.2721,
104.6314


 171.2340, -1.1014,
73.4628


 46.8460, -9.2911,
86.9581


 192.5090, 1.7211,
54.8046

 34.6130, -16.0782,
70.4994

 213.3110, 5.2697,
36.5613

 25.5720, -10.6350,
51.2414

 234.2270, 9.2551,
18.2179

 15.7760, -6.7916,
31.7684

 252.6520, 1.1576,

 0.0000, 0.0000,

2.0592

0.0000

■ 90.5910, 1.1876,
132.7857

■ 90.5910, 1.1876,
132.7857

■ 82.0480, 1.4553,
140.2779

■ 106.5030, 1.2310,
118.8309


■ 122.3010, 0.8376,
104.9760

■ 138.8000, 0.5916,
90.5064


■ 154.7120, 0.6350,
76.5516

■ 170.6240, 0.6784,
62.5968

■ 186.4220, 0.2850,
48.7419

 202.3340, 0.3283,
34.7871

 218.8330, 0.0823,
20.3175

 234.7450, 0.1257,
6.3626

Harmonies

Analogous

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



105.1250, 28.0394, 106.8844



90.5910, 1.1876, 132.7857



109.6880, -43.2302, 99.3746

Triad

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



90.5910, 1.1876, 132.7857



84.5280, -41.6723, -74.1311



112.4240, 70.2900, -98.5958

Complementary

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



90.5910, 1.1876, 132.7857



164.4090, -1.1876, -132.7857

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.



113.8310, 52.8343, -99.8298



90.5910, 1.1876, 132.7857



97.6260, -6.7176, -85.6180

Square

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



90.5910, 1.1876, 132.7857



112.4780, -55.4517, 5.7198



107.7090, 24.3005, -94.4608



100.0970, 76.3672, -87.7851

Rectangle

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



90.5910, 1.1876, 132.7857



114.6570, -56.5259, 70.4608



107.7090, 24.3005, -94.4608



114.2020, 66.9484, -100.1552

Sweetspot

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



90.5910, 1.1876, 132.7857



208.0790, 0.4541, 41.1497



83.6570, 78.0631, 68.7068



98.8660, 0.0661, 25.5505



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.



90.5910, 1.1876, 132.7857



86.3910, 1.2862, 147.8701



101.4290, -43.5955, 123.2808



112.0440, -0.0217, 6.9774



62.3120, 0.8322, 106.7204



19.0240, 0.4812, 32.4280

Inverse Universe

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



90.5910, 1.1876, 132.7857



86.3910, 1.2862, 147.8701



153.5710, 43.5955, -123.2808



112.0440, -0.0217, 6.9774



62.3120, 0.8322, 106.7204



19.0240, 0.4812, 32.4280

Previews

White Background



This preview shows how the YUV color 90.5910, 1.1876, 132.7857 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 90.5910, 1.1876, 132.7857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

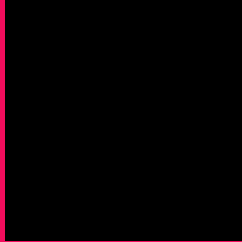
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 90.5910, 1.1876, 132.7857

Background



This preview shows how black text looks on a background with the YUV color 90.5910, 1.1876, 132.7857.



This preview shows how white text looks on a background with the YUV color 90.5910, 1.1876, 132.7857.

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

90.5910, 1.1876, 132.7857

Protanopia

125.2540, 4.8048, -1.0998

Deuteranopia

123.8660, -20.1469, 22.0425



Tritanopia

98.7570, -30.9392, 123.8701

Trichromacy



Original Color

90.5910, 1.1876, 132.7857



Protanomaly

112.9210, 3.4899, 47.4273



Deuteranomaly

111.5950, -12.1253, 62.6222



Tritanomaly

96.1670, -19.3093, 127.0185

Monochromacy



Original Color

90.5910, 1.1876, 132.7857



Achromatopsia

91.0000, 0.0000, 0.0000



Achromatomaly

91.1230, 0.4324, 48.1271

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.5910, 1.1876, 132.7857 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(242, 13, 93)` looks like.

```
.text, #text, p{  
    color:rgb(242, 13, 93)  
}
```

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(242, 13, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 13, 93) }
```

Border

The CSS property to change the border of an element to YUV 90.5910, 1.1876, 132.7857 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(242, 13, 93) }
```


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

```
.border{ border-color:rgb(242, 13, 93) }
```

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

Here you see how a box with a 4 pixel rgb(242, 13, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 13, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 13, 93);  
box-shadow:4px 4px 4px 4px rgb(242, 13,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 90.5910, 1.1876, 132.7857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 13, 93) }
```

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

```
.background{ background-color: rgb(242, 13,  
93) }
```

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