

Converting Colors

YUV(105.2510, -9.9837,
122.5599)

Have a look what the booklet for
YUV(105.2510, -9.9837, 122.5599)
contains.

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Color

**YUV(105.2510, -9.9837,
122.5599)**

Conversions

Conversions Part 1

Format	Color
Hex	F52655
RGB	245, 38, 85
RGB Percent	96%, 15%, 33%
CMY	0.0392, 0.8510, 0.6667
CMYK	0.00, 0.84, 0.65, 0.04
HSL	346°, 91%, 55%
HSV	346°, 84%, 96%
XYZ	39.9890, 21.4546, 10.6278
YIQ	105.2510, 108.2850, 58.5010

Conversions

Conversions Part 2

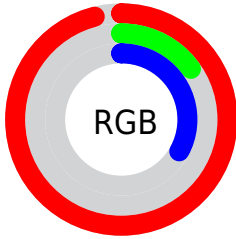
Format	Color
R_{YB}	245, 38, 85
Decimal	16066133
CIE _{Lab}	53.44, 75.33, 27.64
CIE _{LCh}	53, 80.247, 20.151
Yxy	21.4546, 0.5549, 0.2977
Android (android.graphics.Color)	4294256213 (0xFFFF52655)
YUV	105.2510, -9.9837, 122.5599
Hunter-Lab	46.3191, 73.0473, 18.8194

Details

The YUV color **105.2510, -9.9837, 122.5599** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **177.7490, 9.9837, -122.5599**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9170, -10.3121, 87.7728**, and **58.7930, -8.7719, 107.1755** is the 20% darker color. If you saturate the color by 10%, you get **88.9970, -11.3375, 136.8146**, and if you desaturate by 10%, it is **121.5050, -8.6300, 108.3051**.

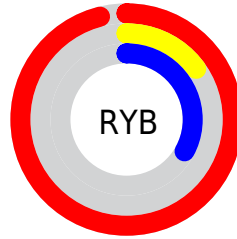
Distribution



Red (96%)

Green (15%)

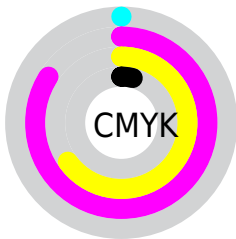
Blue (33%)



Red (96%)

Yellow (15%)

Blue (33%)

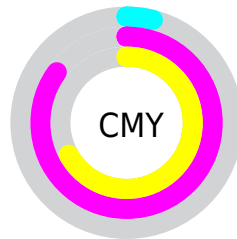


Cyan (0%)

Magenta (84%)

Yellow (65%)

Black (4%)



Cyan (4%)


Magenta (85%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.2510, -9.9837, 122.5599 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 105.2510, -9.9837, 122.5599 by changing the saturation by 10% instead.


 105.2510, -9.9837,
122.5599


 105.2510, -9.9837,
122.5599


255.0000, 0.0000,
0.0000


 70.7550, -4.3162,
124.7489


 154.9170,
-10.3121, 87.7728


 58.7930, -8.7719,
107.1755


 175.4910, -7.6371,
69.7294

 46.9450, -12.7909,
89.5022


 196.1790, -4.5252,
51.5860

 35.0970, -16.8098,
71.8289

 216.9810, -0.9766,
33.3427

 26.0560, -11.3666,
52.5709

 237.7830, 2.5720,
15.0993

 16.6730, -7.2338,
33.6128

 2.9900, -1.4741,

6.1478

■ 0.0000, 0.0000,
0.0000

■ 105.2510, -9.9837,
122.5599

■ 105.2510, -9.9837,
122.5599

■ 88.9970, -11.3375,
136.8146

■ 121.5050, -8.6300,
108.3051

■ 79.6390, -11.6540,
145.0216


■ 138.3460, -7.5656,
93.5356


■ 155.1870, -6.5012,
78.7660


■ 171.4410, -5.1474,
64.5112

■ 188.2820, -4.0830,
49.7417

 204.5360, -2.7292,
35.4869

 221.3770, -1.6649,
20.7174

 237.5170, -0.7479,
6.5626

 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.



108.9640, 22.2027, 112.2876



105.2510, -9.9837, 122.5599



115.8260, -52.6652, 92.2376

Triad

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



105.2510, -9.9837, 122.5599



90.5580, -33.7991, -79.4194



113.0110, 70.0006, -99.1106

Complementary

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



105.2510, -9.9837, 122.5599



177.7490, 9.9837, -122.5599

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.



117.0740, 57.6445, -102.6739



105.2510, -9.9837, 122.5599



103.2000, -0.5916, -90.5064

Square

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



105.2510, -9.9837, 122.5599



114.1950, -56.2981, -2.8020



111.9950, 30.5685, -98.2196



113.2640, 69.8758, -58.9905

Rectangle

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



105.2510, -9.9837, 122.5599



119.9180, -59.1196, 62.3389



111.9950, 30.5685, -98.2196



115.9460, 68.5536, -101.6846

Sweetspot

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



105.2510, -9.9837, 122.5599



211.8460, -2.8821, 37.8461



109.1390, 66.9795, 77.0541



101.6870, -1.8177, 23.0765



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.



105.2510, -9.9837, 122.5599



82.8570, -12.2545, 150.9694



132.1780, -46.4298, 98.9449



113.9300, -0.4585, 7.0774



60.4020, -9.0722, 110.1494



19.1230, -3.0186, 34.9721

Inverse Universe

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



105.2510, -9.9837, 122.5599



82.8570, -12.2545, 150.9694



150.8220, 46.4298, -98.9449



113.9300, -0.4585, 7.0774



60.4020, -9.0722, 110.1494



19.1230, -3.0186, 34.9721

Previews

White Background



This preview shows how the YUV color 105.2510, -9.9837, 122.5599 looks on a white background.

Color Contrast Check

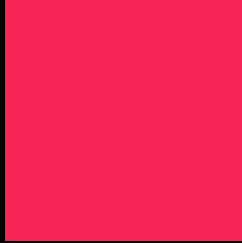
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.2510, -9.9837, 122.5599 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 105.2510, -9.9837, 122.5599

Background



This preview shows how black text looks on a background with the YUV color 105.2510, -9.9837, 122.5599.



This preview shows how white text looks on a background with the YUV color 105.2510, -9.9837,

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

105.2510, -9.9837, 122.5599

Protanopia

128.2840, -4.0840, 3.2589

Deuteranopia

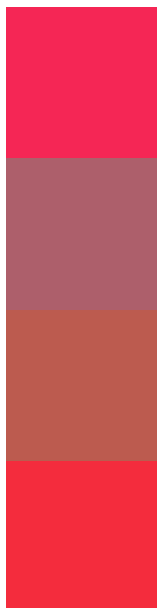
126.8080, -25.5413, 25.6014



Tritanopia

106.4900, -29.3286, 120.5963

Trichromacy



Original Color

105.2510, -9.9837, 122.5599

Protanomaly

119.6900, -6.2562, 46.7529

Deuteranomaly

118.6350, -19.5401, 60.8331

Tritanomaly

105.7380, -22.0558, 121.2558

Monochromacy



Original Color

105.2510, -9.9837, 122.5599

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.3630, -3.6300, 44.4086

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.2510, -9.9837, 122.5599 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, 38, 85)` looks like.

```
.text, #text, p{  
    color:rgb(245, 38, 85)  
}
```

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, 38, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 38, 85) }
```

Border

The CSS property to change the border of an element to YUV 105.2510, -9.9837, 122.5599 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, 38, 85) }
```


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

```
.border{ border-color:rgb(245, 38, 85) }
```

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

Here you see how a box with a 4 pixel rgb(245, 38, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 38, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 38, 85);  
box-shadow:4px 4px 4px 4px rgb(245, 38,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 105.2510, -9.9837, 122.5599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 38, 85) }
```

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

```
.background{ background-color: rgb(245, 38,  
85) }
```

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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