

Converting Colors

YUV(106.2140, -13.9095,
121.7153)

Have a look what the booklet for
YUV(106.2140, -13.9095, 121.7153)
contains.

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Color

**YUV(106.2140, -13.9095,
121.7153)**

Conversions

Conversions Part 1

Format	Color
Hex	F5294E
RGB	245, 41, 78
RGB Percent	96%, 16%, 31%
CMY	0.0392, 0.8392, 0.6941
CMYK	0.00, 0.83, 0.68, 0.04
HSL	349°, 91%, 56%
HSV	349°, 83%, 96%
XYZ	39.8243, 21.5484, 9.2680
YIQ	106.2140, 109.7070, 54.7550

Conversions

Conversions Part 2

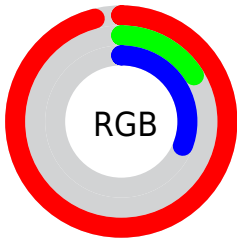
Format	Color
R_{YB}	245, 41, 78
Decimal	16066894
CIE _{Lab}	53.54, 74.38, 31.93
CIE _{LCh}	54, 80.946, 23.230
Yxy	21.5484, 0.5638, 0.3050
Android (android.graphics.Color)	4294256974 (0xFFFF5294E)
YUV	106.2140, -13.9095, 121.7153
Hunter-Lab	46.4203, 71.9009, 20.6567

Details

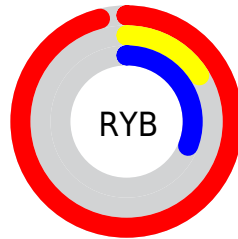
The YUV color **106.2140, -13.9095, 121.7153** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **179.7860, 13.9095, -121.7153**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2930, -13.9484, 87.4430**, and **57.6960, -11.6821, 107.2606** is the 20% darker color. If you saturate the color by 10%, you get **89.8460, -15.7001, 136.0701**, and if you desaturate by 10%, it is **123.1690, -12.4083, 106.8458**.

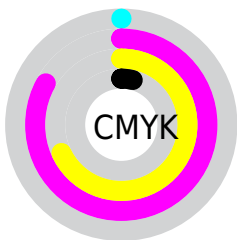
Distribution



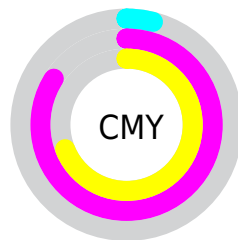
- Red (96%)
- Green (16%)
- Blue (31%)



- Red (96%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (83%)
- Yellow (68%)
- Black (4%)



- Cyan (4%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.2140, -13.9095, 121.7153 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 106.2140, -13.9095, 121.7153 by changing the saturation by 10% instead.

■ 106.2140,
-13.9095, 121.7153

■ 106.2140,
-13.9095, 121.7153

255.0000, 0.0000,
0.0000

■ 69.9570, -7.3738,
125.4487

■ 155.2930,
-13.9484, 87.4430

■ 57.6960, -11.6821,
107.2606

■ 175.8670,
-11.2734, 69.3996

■ 45.8480, -15.7011,
89.5873

■ 195.8540, -8.3090,
51.8710

■ 34.9830, -17.2466,
71.9289

■ 216.6560, -4.7604,
33.6277

■ 26.0560, -11.3666,
52.5709

■ 237.4580, -1.2118,
15.3843

■ 16.6730, -7.2338,
33.6128

■ 2.6910, -1.3267,

5.5330

■ 0.0000, 0.0000,
0.0000

■ 106.2140,
-13.9095, 121.7153

■ 106.2140,
-13.9095, 121.7153

■ 89.8460, -15.7001,
136.0701

■ 123.1690,
-12.4083, 106.8458

■ 78.2710, -16.8956,
146.2213

■ 139.5370,
-10.6177, 92.4911

■ 156.4920, -9.1166,
77.6215

■ 172.8600, -7.3260,
63.2668

■ 189.8150, -5.8248,
48.3972

■ 206.1830, -4.0342,
34.0425

■ 223.1380, -2.5330,
19.1730

■ 239.5060, -0.7425,
4.8182

■ 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.



104.9540, 20.7287, 118.4353



106.2140, -13.9095, 121.7153



115.6640, -57.0224, 89.7487

Triad

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



106.2140, -13.9095, 121.7153



92.1710, -30.1573, -80.8340



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.



106.2140, -13.9095, 121.7153



179.7860, 13.9095, -121.7153

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.



117.7580, 60.2653, -103.2738



106.2140, -13.9095, 121.7153



103.9980, 2.4660, -91.2062

Square

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



106.2140, -13.9095, 121.7153



112.9770, -55.6977, -8.7498



113.3800, 33.3367, -99.4343



120.1740, 66.4692, -39.6176

Rectangle

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



106.2140, -13.9095, 121.7153



120.4830, -59.3981, 58.3354



113.3800, 33.3367, -99.4343



115.3590, 68.8430, -101.1698

Sweetspot

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



106.2140, -13.9095, 121.7153



211.5040, -4.1925, 38.1460



114.1890, 64.4898, 82.2722



101.4590, -2.6913, 23.2765



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.



106.2140, -13.9095, 121.7153



81.4890, -17.4961, 152.1691



140.1510, -48.8814, 91.9526



113.8160, -0.8953, 7.1774



59.4900, -12.5666, 110.9493



18.8950, -3.8922, 35.1721

Inverse Universe

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



106.2140, -13.9095, 121.7153



81.4890, -17.4961, 152.1691



145.8490, 48.8814, -91.9526



113.8160, -0.8953, 7.1774



59.4900, -12.5666, 110.9493



18.8950, -3.8922, 35.1721

Previews

White Background



This preview shows how the YUV color 106.2140, -13.9095, 121.7153 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 106.2140, -13.9095, 121.7153 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 106.2140, -13.9095, 121.7153 Background



This preview shows how black text looks on a background with the YUV color 106.2140, -13.9095, 121.7153.



This preview shows how white text looks on a background with the YUV color 106.2140, -13.9095, 121.7153.

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

106.2140, -13.9095, 121.7153

Protanopia

128.0410, -8.8942, 6.1030

Deuteranopia

126.4940, -29.3305, 27.6308



Tritanopia

106.6040, -28.8918, 120.4963

Trichromacy



Original Color

106.2140, -13.9095, 121.7153

Protanomaly

119.8490, -10.7716, 48.3674

Deuteranomaly

119.4950, -23.9080, 61.8329

Tritanomaly

106.0970, -23.2188, 120.9409

Monochromacy



Original Color

106.2140, -13.9095, 121.7153

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.0210, -4.9404, 44.7086

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2140, -13.9095, 121.7153 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, 41, 78)` looks like.

```
.text, #text, p{  
    color:rgb(245, 41, 78)  
}
```

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, 41, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 41, 78) }
```

Border

The CSS property to change the border of an element to YUV 106.2140, -13.9095, 121.7153 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, 41, 78) }
```


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

```
.border{ border-color:rgb(245, 41, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 41, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 41, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 41, 78);  
box-shadow:4px 4px 4px 4px rgb(245, 41,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 106.2140, -13.9095, 121.7153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 41, 78) }
```

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

```
.background{ background-color: rgb(245, 41,  
78) }
```

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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