

Converting Colors

YUV(97.2810, 18.1025,
120.7796)

Have a look what the booklet for
YUV(97.2810, 18.1025, 120.7796)
contains.

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Color

**YUV(97.2810, 18.1025,
120.7796)**

Conversions

Conversions Part 1

Format	Color
Hex	EB1486
RGB	235, 20, 134
RGB Percent	92%, 8%, 53%
CMY	0.0784, 0.9216, 0.4745
CMYK	0.00, 0.91, 0.43, 0.08
HSL	328°, 84%, 50%
HSV	328°, 91%, 92%
XYZ	38.8142, 19.8837, 24.3465
YIQ	97.2810, 91.5460, 81.0340

Conversions

Conversions Part 2

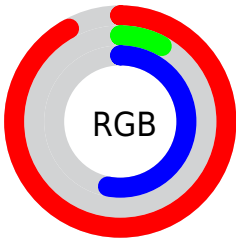
Format	Color
R_{YB}	235, 20, 134
Decimal	15406214
CIE _{Lab}	51.71, 79.12, -4.66
CIE _{LCh}	52, 79.258, 356.631
Yxy	19.8837, 0.4674, 0.2394
Android (android.graphics.Color)	4293596294 (0xFFEB1486)
YUV	97.2810, 18.1025, 120.7796
Hunter-Lab	44.5912, 77.3401, -1.1581

Details

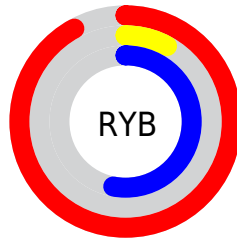
The YUV color **97.2810, 18.1025, 120.7796** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **157.7190, -18.1025, -120.7796**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2630, 15.1533, 86.5923**, and **61.4170, 11.6264, 97.8583** is the 20% darker color. If you saturate the color by 10%, you get **84.5150, 19.9591, 131.9753**, and if you desaturate by 10%, it is **112.6230, 15.9619, 107.3246**.

Distribution



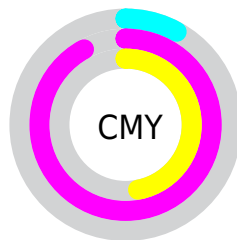
- Red (92%)
- Green (8%)
- Blue (53%)



- Red (92%)
- Yellow (8%)
- Blue (53%)



- Cyan (0%)
- Magenta (91%)
- Yellow (43%)
- Black (8%)





- Cyan (8%)
- Magenta (92%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.2810, 18.1025, 120.7796 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 97.2810, 18.1025, 120.7796 by changing the saturation by 10% instead.


 97.2810, 18.1025,
120.7796

 97.2810, 18.1025,
120.7796

255.0000, 0.0000,
0.0000


 73.4220, 17.5400,
114.5169


 156.2630, 15.1533,
86.5923


 61.4170, 11.6264,
97.8583


 177.6520, 18.4126,
67.8342

 49.5260, 6.1497,
81.0997


 198.4540, 21.9612,
49.5908

 38.0480, 0.9623,
64.8559

 218.0190, 18.2316,
32.4323

 27.0970, -3.4988,
49.0269

 235.6290, 9.5499,
16.9884

 15.7760, -6.7916,
31.7684

 253.2390, 0.8682,

 0.2990, -0.1474,

1.5444

0.6148

■ 0.0000, 0.0000,
0.0000

■ 97.2810, 18.1025,
120.7796

■ 97.2810, 18.1025,
120.7796

■ 84.5150, 19.9591,
131.9753

■ 112.6230, 15.9619,
107.3246

■ 127.3780, 14.1106,
94.3845

■ 142.7200, 11.9700,
80.9296

■ 157.4750, 10.1188,
67.9894

■ 172.8170, 7.9782,
54.5345

■ 187.5720, 6.1270,
41.5944

■ 202.9140, 3.9864,
28.1394

■ 217.6690, 2.1352,
15.1993

■ 233.0110, -0.0054,
1.7444

Harmonies

Analogous

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



120.9070, 38.4998, 64.9796



97.2810, 18.1025, 120.7796



103.1440, -17.8190, 115.6377

Triad

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



97.2810, 18.1025, 120.7796



107.3290, -52.9132, -15.1975



113.8940, 60.6913, -99.8850

Complementary

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



97.2810, 18.1025, 120.7796



157.7190, -18.1025, -120.7796

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.



110.0860, 35.9466, -96.5454



97.2810, 18.1025, 120.7796



90.7350, -25.5054, -79.5746

Square

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



97.2810, 18.1025, 120.7796



115.9100, -57.1436, 35.1589



101.5190, 5.6601, -89.0322



108.3150, 72.3157, -94.9923

Rectangle

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



97.2810, 18.1025, 120.7796



110.7860, -45.2505, 94.0267



101.5190, 5.6601, -89.0322



113.3580, 53.5605, -99.4150

Sweetspot

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



97.2810, 18.1025, 120.7796



210.8490, 5.9904, 38.7204



74.4100, 79.1709, 39.9824



101.6530, 3.1291, 23.1063



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.



97.2810, 18.1025, 120.7796



91.6350, 21.3789, 143.2711



85.0830, -28.6349, 131.4772



109.9730, 0.9993, 6.1627



65.0630, 15.2519, 101.6767



19.3380, 4.2704, 30.3986

Inverse Universe

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



97.2810, 18.1025, 120.7796



91.6350, 21.3789, 143.2711



169.9170, 28.6349, -131.4772



109.9730, 0.9993, 6.1627



65.0630, 15.2519, 101.6767



19.3380, 4.2704, 30.3986

Previews

White Background



This preview shows how the YUV color 97.2810, 18.1025, 120.7796 looks on a white background.

Color Contrast Check

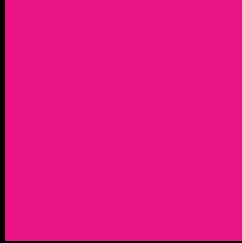
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.2810, 18.1025, 120.7796 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 97.2810, 18.1025, 120.7796

Background



This preview shows how black text looks on a background with the YUV color 97.2810, 18.1025, 120.7796.



This preview shows how white text looks on a background with the YUV color 97.2810, 18.1025,

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

97.2810, 18.1025, 120.7796

Protanopia

123.2880, 33.3820, -20.4236

Deuteranopia

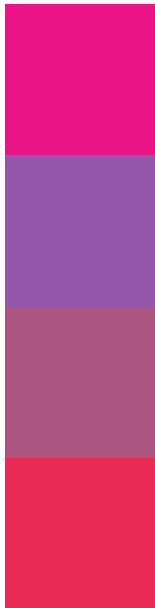
125.2400, -0.6113, 9.4365



Tritanopia

107.8520, -25.0700, 108.0008

Trichromacy



Original Color

97.2810, 18.1025, 120.7796

Protanomaly

113.8260, 27.6938, 30.8476

Deuteranomaly

115.3280, 6.2473, 49.7013

Tritanomaly

103.7120, -9.2250, 112.5086

Monochromacy



Original Color

97.2810, 18.1025, 120.7796

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9960, 6.4110, 43.8535

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2810, 18.1025, 120.7796 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(235, 20, 134)` looks like.

```
.text, #text, p{  
    color:rgb(235, 20, 134)  
}
```

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(235, 20, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 20, 134) }
```

Border

The CSS property to change the border of an element to YUV 97.2810, 18.1025, 120.7796 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(235, 20, 134) }
```


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

```
.border{ border-color:rgb(235, 20, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 20, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 20, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 20, 134);  
box-shadow:4px 4px 4px 4px rgb(235, 20,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 97.2810, 18.1025, 120.7796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 20, 134) }
```

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

```
.background{ background-color: rgb(235, 20,  
134) }
```

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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