

Converting Colors

YUV(100.9770, 36.0003,
120.1692)

Have a look what the booklet for
YUV(100.9770, 36.0003, 120.1692)
contains.

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Color

**YUV(100.9770, 36.0003,
120.1692)**

Conversions

Conversions Part 1

Format	Color
Hex	EE11AE
RGB	238, 17, 174
RGB Percent	93%, 7%, 68%
CMY	0.0667, 0.9333, 0.3176
CMYK	0.00, 0.93, 0.27, 0.07
HSL	317°, 87%, 50%
HSV	317°, 93%, 93%
XYZ	43.1003, 21.6340, 41.9485
YIQ	100.9770, 81.3190, 95.6790

Conversions

Conversions Part 2

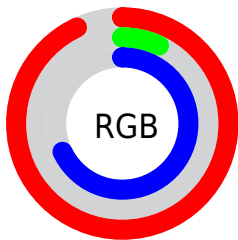
Format	Color
R _Y B	238, 17, 174
Decimal	15602094
CIE Lab	53.64, 83.98, -25.47
CIE LCh	54, 87.754, 343.130
Yxy	21.6340, 0.4040, 0.2028
Android (android.graphics.Color)	4293792174 (0xFFEE11AE)
YUV	100.9770, 36.0003, 120.1692
Hunter-Lab	46.5124, 84.0088, -20.9137

Details

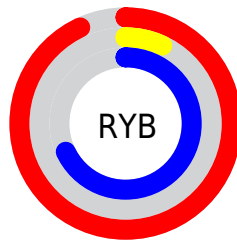
The YUV color **100.9770, 36.0003, 120.1692** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **154.0230, -36.0003, -120.1692**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3390, 33.3569, 81.2637**, and **66.7170, 26.7615, 96.7182** is the 20% darker color. If you saturate the color by 10%, you get **90.4280, 38.7360, 129.4206**, and if you desaturate by 10%, it is **115.8630, 32.1125, 107.1141**.

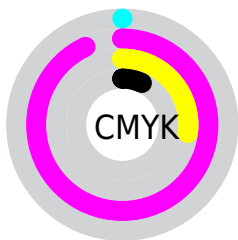
Distribution



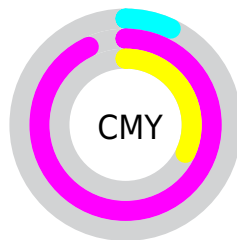
- Red (93%)
- Green (7%)
- Blue (68%)



- Red (93%)
- Yellow (7%)
- Blue (68%)



- Cyan (0%)
- Magenta (93%)
- Yellow (27%)
- Black (7%)





- Cyan (7%)
- Magenta (93%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.9770, 36.0003, 120.1692 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 100.9770, 36.0003, 120.1692 by changing the saturation by 10% instead.


 100.9770, 36.0003,
120.1692


 100.9770, 36.0003,
120.1692


255.0000, 0.0000,
0.0000


 78.6510, 33.6961,
112.5621


 162.3390, 33.3569,
81.2637


 66.7170, 26.7615,
96.7182


 183.3860, 35.3057,
62.8055

 54.8970, 20.2638,
80.7743


 201.5830, 26.3346,
46.8467

 43.1910, 14.2028,
64.7305

 219.1930, 17.6529,
31.4027

 31.8980, 8.4313,
49.2015

 236.8030, 8.9711,
15.9588

 20.8330, 3.5333,
33.4725

 7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,
0.0000

■ 100.9770, 36.0003,
120.1692

■ 100.9770, 36.0003,
120.1692

■ 90.4280, 38.7360,
129.4206

■ 115.8630, 32.1125,
107.1141

■ 130.7490, 28.2247,
94.0591

■ 145.0480, 24.6263,
81.5189

■ 159.9340, 20.7385,
68.4639

■ 174.7060, 16.4139,
55.5088

■ 189.5920, 12.5261,
42.4538

■ 204.4780, 8.6383,
29.3988

■ 218.7770, 5.0399,
16.8586

■ 233.6630, 1.1521,
3.8035

Harmonies

Analogous

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



129.5470, 54.4533, 34.6003



100.9770, 36.0003, 120.1692



87.5310, 5.6542, 146.8703

Triad

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



100.9770, 36.0003, 120.1692



116.9190, -57.6411, 7.9640



119.0800, 55.1766, -104.4332

Complementary

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



100.9770, 36.0003, 120.1692



154.0230, -36.0003, -120.1692

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.



111.6870, 24.3113, -97.9495



100.9770, 36.0003, 120.1692



88.0500, -43.4087, -77.2198

Square

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



100.9770, 36.0003, 120.1692



120.7930, -59.5509, 60.6945



101.3930, -10.0537, -88.9217



116.5330, 68.2642, -102.1994

Rectangle

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



100.9770, 36.0003, 120.1692



104.2070, -26.7241, 125.2295



101.3930, -10.0537, -88.9217



117.2730, 45.7144, -102.8484

Sweetspot

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



100.9770, 36.0003, 120.1692



210.9290, 11.3740, 38.6503



61.0310, 87.2457, 16.6358



100.6900, 7.0548, 23.9509



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.



100.9770, 36.0003, 120.1692



96.8790, 41.4717, 138.6721



88.5510, -11.6106, 131.0668



112.5000, 1.7255, 6.5775



69.8360, 29.6609, 100.1218



21.3040, 9.2171, 30.4284

Inverse Universe

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



100.9770, 36.0003, 120.1692



96.8790, 41.4717, 138.6721



166.4490, 11.6106, -131.0668



112.5000, 1.7255, 6.5775



69.8360, 29.6609, 100.1218



21.3040, 9.2171, 30.4284

Previews

White Background



This preview shows how the YUV color 100.9770, 36.0003, 120.1692 looks on a white background.

Color Contrast Check

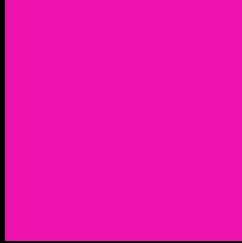
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.9770, 36.0003, 120.1692 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 100.9770, 36.0003, 120.1692 Background



This preview shows how black text looks on a background with the YUV color 100.9770, 36.0003, 120.1692.



This preview shows how white text looks on a background with the YUV color 100.9770, 36.0003, 120.1692.

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

100.9770, 36.0003, 120.1692

Protanopia

119.9570, 62.1392, -50.8283

Deuteranopia

130.2070, 16.1669, -5.4435



Tritanopia

118.4810, -22.4221, 98.6792

Trichromacy



Original Color

100.9770, 36.0003, 120.1692



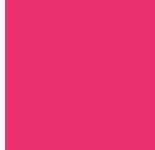
Protanomaly

113.2360, 52.6347, 11.1940



Deuteranomaly

119.4420, 23.4461, 39.9544



Tritanomaly

112.4430, -1.2044, 106.6055

Monochromacy



Original Color

100.9770, 36.0003, 120.1692



Achromatopsia

101.0000, 0.0000, 0.0000



Achromatomaly

100.8310, 13.3943, 43.9982

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9770, 36.0003, 120.1692 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(238, 17, 174)` looks like.

```
.text, #text, p{  
    color:rgb(238, 17, 174)  
}
```

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(238, 17, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 17, 174) }
```

Border

The CSS property to change the border of an element to YUV 100.9770, 36.0003, 120.1692 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(238, 17, 174) }
```


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

```
.border{ border-color:rgb(238, 17, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 17, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 17, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 17, 174);  
box-shadow:4px 4px 4px 4px rgb(238, 17,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 100.9770, 36.0003, 120.1692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 17, 174) }
```

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

```
.background{ background-color: rgb(238, 17,  
174) }
```

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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