

Converting Colors

YUV(113.7950, 21.7931,
103.6658)

Have a look what the booklet for
YUV(113.7950, 21.7931, 103.6658)
contains.

YUV(113.7950, 21.7931, 103.6658)	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(113.7950, 21.7931,
103.6658)**

Conversions

Conversions Part 1

Format	Color
Hex	E82D9E
RGB	232, 45, 158
RGB Percent	91%, 18%, 62%
CMY	0.0902, 0.8235, 0.3804
CMYK	0.00, 0.81, 0.32, 0.09
HSL	324°, 80%, 54%
HSV	324°, 81%, 91%
XYZ	40.3887, 21.5012, 34.3692
YIQ	113.7950, 75.1790, 74.7870

Conversions

Conversions Part 2

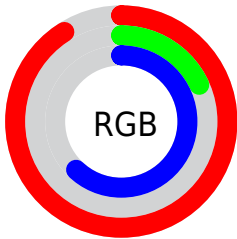
Format	Color
R _{YB}	232, 45, 158
Decimal	15216030
CIE _{Lab}	53.49, 76.36, -16.36
CIE _{LCh}	53, 78.095, 347.908
Yxy	21.5012, 0.4196, 0.2234
Android (android.graphics.Color)	4293406110 (0xFFE82D9E)
YUV	113.7950, 21.7931, 103.6658
Hunter-Lab	46.3694, 74.3306, -11.4874

Details

The YUV color **113.7950, 21.7931, 103.6658** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **163.2050, -21.7931, -103.6658**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2710, 23.0374, 77.8153**, and **63.3270, 21.5308, 94.4292** is the 20% darker color. If you saturate the color by 10%, you get **99.2680, 24.5179, 116.4060**, and if you desaturate by 10%, it is **128.3220, 19.0683, 90.9256**.

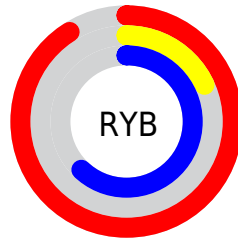
Distribution



Red (91%)

Green (18%)

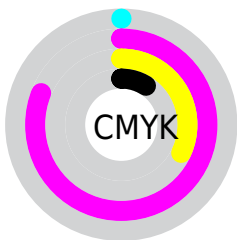
Blue (62%)



Red (91%)

Yellow (18%)

Blue (62%)

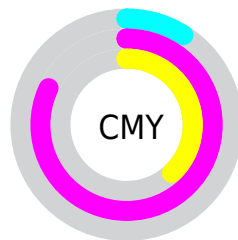


Cyan (0%)

Magenta (81%)

Yellow (32%)

Black (9%)



Cyan (9%)


Magenta (82%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.7950, 21.7931, 103.6658 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 113.7950, 21.7931, 103.6658 by changing the saturation by 10% instead.

 113.7950, 21.7931,
103.6658


 113.7950, 21.7931,
103.6658


255.0000, 0.0000,
0.0000


 75.1470, 28.0285,
110.3731


 166.2710, 23.0374,
77.8153


 63.3270, 21.5308,
94.4292


 187.0730, 26.5860,
59.5720

 51.5070, 15.0330,
78.4854


 206.2790, 24.0195,
42.7283

 40.2140, 9.2615,
62.9563

 223.8890, 15.3377,
27.2843

 29.0350, 3.9267,
47.3273

 241.4990, 6.6560,
11.8404

 18.0410, -1.9922,
32.4130

 3.8870, -1.9163,

7.9921

■ 0.0000, 0.0000,
0.0000

■ 113.7950, 21.7931,
103.6658

■ 113.7950, 21.7931,
103.6658

■ 99.2680, 24.5179,
116.4060

■ 128.3220, 19.0683,
90.9256

■ 85.3280, 26.9533,
128.6313

■ 142.8490, 16.3434,
78.1854

■ 158.0770, 13.7660,
64.8305

■ 172.6040, 11.0412,
52.0903

■ 187.1310, 8.3164,
39.3501

201.6580, 5.5916,
26.6099

216.1850, 2.8668,
13.8698

231.2990, -0.1474,
0.6148

245.9400, -2.4354,
-12.2254

Harmonies

Analogous

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



129.5560, 44.0959, 43.3624



113.7950, 21.7931, 103.6658



107.6850, -8.2257, 118.6713

Triad

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



113.7950, 21.7931, 103.6658



115.4020, -56.8932, 1.4014



116.2760, 54.5869, -101.9741

Complementary

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



113.7950, 21.7931, 103.6658



163.2050, -21.7931, -103.6658

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.



111.3110, 27.9477, -97.6197



113.7950, 21.7931, 103.6658



89.6290, -34.8201, -78.6046

Square

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



113.7950, 21.7931, 103.6658



120.4280, -59.3710, 49.6136



102.0430, -2.4862, -89.4917



113.5980, 69.7112, -99.6254

Rectangle

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



113.7950, 21.7931, 103.6658



114.7560, -32.9107, 102.8230



102.0430, -2.4862, -89.4917



115.5120, 46.5826, -101.3040

Sweetspot

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



113.7950, 21.7931, 103.6658



216.4570, 7.1697, 33.8022



87.8460, 71.0679, 25.5681



104.5710, 4.1555, 20.5472



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.



113.7950, 21.7931, 103.6658



98.8390, 28.6734, 136.9532



103.4210, -17.9556, 112.7638



107.3860, 1.2887, 6.6775



65.8330, 20.7883, 99.2475



18.7830, 6.0230, 28.2543

Inverse Universe

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



113.7950, 21.7931, 103.6658



98.8390, 28.6734, 136.9532



173.5790, 17.9556, -112.7638



107.3860, 1.2887, 6.6775



65.8330, 20.7883, 99.2475



18.7830, 6.0230, 28.2543

Previews

White Background



This preview shows how the YUV color 113.7950, 21.7931, 103.6658 looks on a white background.

Color Contrast Check

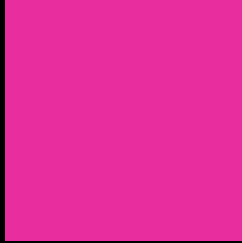
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.7950, 21.7931, 103.6658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

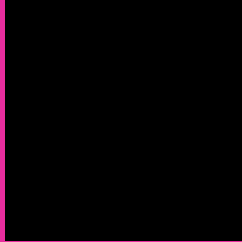
Any Text WCAG AA ✓ Pass

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 113.7950, 21.7931, 103.6658 Background



This preview shows how black text looks on a background with the YUV color 113.7950, 21.7931, 103.6658.



This preview shows how white text looks on a background with the YUV color 113.7950, 21.7931, 103.6658.

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

113.7950, 21.7931, 103.6658

Protanopia

125.9800, 43.8869, -29.8005

Deuteranopia

129.4160, 9.1619, 1.3892



Tritanopia

119.2030, -20.8061, 93.6610

Trichromacy



Original Color

113.7950, 21.7931, 103.6658



Protanomaly

121.8120, 35.5887, 18.5819



Deuteranomaly

123.9120, 13.8474, 38.6652



Tritanomaly

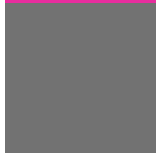
117.2370, -5.5398, 97.1392

Monochromacy



Original Color

113.7950, 21.7931, 103.6658



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.0060, 7.8850, 37.7057

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7950, 21.7931, 103.6658 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(232, 45, 158)` looks like.

```
.text, #text, p{  
    color:rgb(232, 45, 158)  
}
```

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(232, 45, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 45, 158) }
```

Border

The CSS property to change the border of an element to YUV 113.7950, 21.7931, 103.6658 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(232, 45, 158) }
```


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

```
.border{ border-color:rgb(232, 45, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 45, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 45, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 45, 158);  
box-shadow:4px 4px 4px 4px rgb(232, 45,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 113.7950, 21.7931, 103.6658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 45, 158) }
```

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

```
.background{ background-color: rgb(232, 45,  
158) }
```

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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