

Converting Colors

YUV(115.0020, 37.9600,
98.2222)

Have a look what the booklet for
YUV(115.0020, 37.9600, 98.2222)
contains.

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Color

**YUV(115.0020, 37.9600,
98.2222)**

Conversions

Conversions Part 1

Format	Color
Hex	E32BC0
RGB	227, 43, 192
RGB Percent	89%, 17%, 75%
CMY	0.1098, 0.8314, 0.2471
CMYK	0.00, 0.81, 0.15, 0.11
HSL	311°, 77%, 53%
HSV	311°, 81%, 89%
XYZ	42.0569, 21.8644, 51.8728
YIQ	115.0020, 61.8350, 85.3470

Conversions

Conversions Part 2

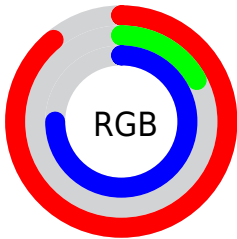
Format	Color
R _{YB}	227, 43, 192
Decimal	14887872
CIE _{Lab}	53.88, 79.79, -35.72
CIE _{LCh}	54, 87.419, 335.886
Yxy	21.8644, 0.3632, 0.1888
Android (android.graphics.Color)	4293077952 (0xFFE32BC0)
YUV	115.0020, 37.9600, 98.2222
Hunter-Lab	46.7594, 78.7195, -33.0421

Details

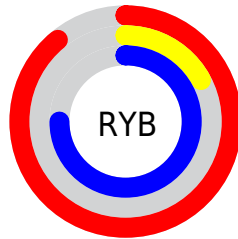
The YUV color **115.0020, 37.9600, 98.2222** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **154.9980, -37.9600, -98.2222**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7880, 39.0515, 74.7309**, and **65.6650, 35.6612, 88.8708** is the 20% darker color. If you saturate the color by 10%, you get **101.0450, 42.8688, 110.4625**, and if you desaturate by 10%, it is **128.9590, 33.0512, 85.9820**.

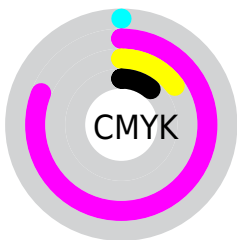
Distribution



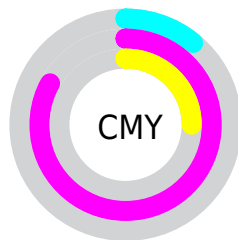
- Red (89%)
- Green (17%)
- Blue (75%)



- Red (89%)
- Yellow (17%)
- Blue (75%)



- Cyan (0%)
- Magenta (81%)
- Yellow (15%)
- Black (11%)





- Cyan (11%)
- Magenta (83%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.0020, 37.9600, 98.2222 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 115.0020, 37.9600, 98.2222 by changing the saturation by 10% instead.


 115.0020, 37.9600,
98.2222


 115.0020, 37.9600,
98.2222


255.0000, 0.0000,
0.0000


 77.7130, 43.0325,
104.6147

 169.7880, 39.0515,
74.7309


 65.6650, 35.6612,
88.8708

 188.6690, 32.7012,
58.1723

 54.0300, 28.5792,
73.6417


 206.2790, 24.0195,
42.7283

 42.5090, 21.9341,
58.3126

 223.3020, 15.6271,
27.7991

 31.4010, 15.5783,
43.4983

 241.4990, 6.6560,
11.8404

 20.5210, 10.0961,
28.4841

 7.1350, 5.3564,

8.6516

■ 0.0000, 0.0000,
0.0000

■ 115.0020, 37.9600,
98.2222

■ 115.0020, 37.9600,
98.2222

■ 101.0450, 42.8688,
110.4625

■ 128.9590, 33.0512,
85.9820

■ 88.8490, 46.9094,
121.1584

■ 142.4430, 28.8686,
74.1565

■ 156.4000, 23.9598,
61.9162

■ 170.3570, 19.0510,
49.6759

■ 184.4280, 14.5790,
37.3356

■ 197.7980, 9.9596,
25.6102

■ 211.7550, 5.0508,
13.3699

■ 225.8260, 0.5788,
1.0296

■ 239.1960, -4.0406,
-10.6959

Harmonies

Analogous

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



129.7010, 60.7864, 9.9092



115.0020, 37.9600, 98.2222



89.6970, 13.9534, 144.9707

Triad

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



115.0020, 37.9600, 98.2222



119.9530, -59.1368, 21.0892



117.9570, 48.3352, -103.4483

Complementary

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



115.0020, 37.9600, 98.2222



154.9980, -37.9600, -98.2222

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.



110.1080, 15.7228, -96.5647



115.0020, 37.9600, 98.2222



103.9190, -51.2321, -41.1480

Square

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



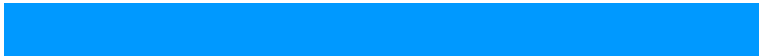
115.0020, 37.9600, 98.2222



119.6960, -59.0101, 73.9346



98.6400, -18.0635, -86.5073



118.8810, 67.1067, -104.2586

Rectangle

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



115.0020, 37.9600, 98.2222



97.8890, -14.2423, 135.1553



98.6400, -18.0635, -86.5073



115.9220, 37.9995, -101.6636

Sweetspot

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



115.0020, 37.9600, 98.2222



217.8250, 12.4113, 32.6025



74.1420, 75.3590, 2.5065



105.3690, 7.2131, 19.8474



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.



115.0020, 37.9600, 98.2222



104.6530, 50.9501, 131.8543



104.6280, -1.7886, 107.3202



107.7280, 2.5991, 6.3775



70.0510, 36.9499, 95.5483



19.9230, 10.3910, 27.2545

Inverse Universe

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



115.0020, 37.9600, 98.2222



104.6530, 50.9501, 131.8543



165.3720, 1.7886, -107.3202



107.7280, 2.5991, 6.3775



70.0510, 36.9499, 95.5483



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 115.0020, 37.9600, 98.2222 looks on a white background.

Color Contrast Check

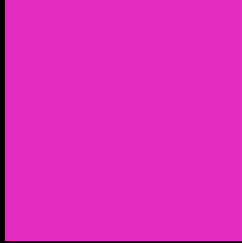
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.0020, 37.9600, 98.2222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

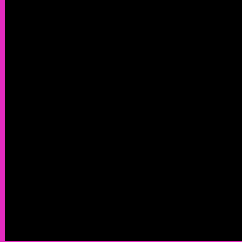
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 115.0020, 37.9600, 98.2222

Background



This preview shows how black text looks on a background with the YUV color 115.0020, 37.9600, 98.2222.



This preview shows how white text looks on a background with the YUV color 115.0020, 37.9600,

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

115.0020, 37.9600, 98.2222

Protanopia

116.4980, 68.2815, -60.9497

Deuteranopia

128.9590, 25.6562, -15.7500



Tritanopia

124.0490, -17.2792, 82.3950

Trichromacy



Original Color

115.0020, 37.9600, 98.2222



Protanomaly

115.7010, 57.3354, -3.2458



Deuteranomaly

123.7760, 30.1834, 25.6294



Tritanomaly

120.3590, 2.7810, 88.2622

Monochromacy



Original Color

115.0020, 37.9600, 98.2222



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

115.1890, 13.7108, 35.7912

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.0020, 37.9600, 98.2222 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(227, 43, 192)` looks like.

```
.text, #text, p{  
    color:rgb(227, 43, 192)  
}
```

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(227, 43, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 43, 192) }
```

Border

The CSS property to change the border of an element to YUV 115.0020, 37.9600, 98.2222 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(227, 43, 192) }
```


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

```
.border{ border-color:rgb(227, 43, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 43, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 43, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 43, 192);  
box-shadow:4px 4px 4px 4px rgb(227, 43,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 115.0020, 37.9600, 98.2222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 43, 192) }
```

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

```
.background{ background-color: rgb(227, 43,  
192) }
```

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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