

Converting Colors

YUV(113.1980, 40.8214,
113.8364)

Have a look what the booklet for
YUV(113.1980, 40.8214, 113.8364)
contains.

YUV(113.1980, 40.8214, 113.8364)	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(113.1980, 40.8214,
113.8364)**

Conversions

Conversions Part 1

Format	Color
Hex	F31FC4
RGB	243, 31, 196
RGB Percent	95%, 12%, 77%
CMY	0.0471, 0.8784, 0.2314
CMYK	0.00, 0.87, 0.19, 0.05
HSL	313°, 90%, 54%
HSV	313°, 87%, 95%
XYZ	47.4159, 24.0202, 54.3618
YIQ	113.1980, 73.3870, 96.2590

Conversions

Conversions Part 2

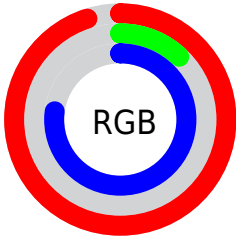
Format	Color
R _Y B	243, 31, 196
Decimal	15933380
CIE _{Lab}	56.11, 85.74, -34.34
CIE _{LCh}	56, 92.361, 338.174
Yxy	24.0202, 0.3769, 0.1909
Android (android.graphics.Color)	4294123460 (0xFFFF31FC4)
YUV	113.1980, 40.8214, 113.8364
Hunter-Lab	49.0104, 86.9247, -31.4566

Details

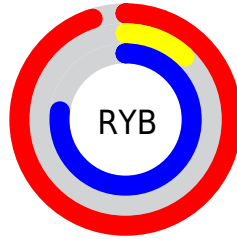
The YUV color **113.1980, 40.8214, 113.8364** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **160.8020, -40.8214, -113.8364**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4830, 41.6669, 75.8754**, and **70.6060, 35.1972, 97.6925** is the 20% darker color. If you saturate the color by 10%, you get **98.5400, 45.5828, 126.6914**, and if you desaturate by 10%, it is **127.8560, 36.0600, 100.9813**.

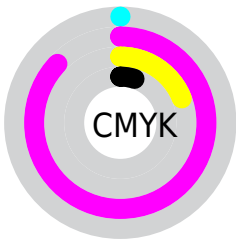
Distribution



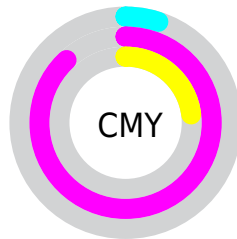
- Red (95%)
- Green (12%)
- Blue (77%)



- Red (95%)
- Yellow (12%)
- Blue (77%)



- Cyan (0%)
- Magenta (87%)
- Yellow (19%)
- Black (5%)





- Cyan (5%)
- Magenta (88%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.1980, 40.8214, 113.8364 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 113.1980, 40.8214, 113.8364 by changing the saturation by 10% instead.


 113.1980, 40.8214,
113.8364


 113.1980, 40.8214,
113.8364


255.0000, 0.0000,
0.0000


 82.6540, 42.5686,
113.4364


 168.4830, 41.6669,
75.8754


 70.6060, 35.1972,
97.6925

 187.4950, 33.2800,
59.2019


 58.6720, 28.2627,
81.8487


 205.1050, 24.5982,
43.7579

 46.8520, 21.7650,
65.9048

 223.3020, 15.6271,
27.7991

 35.4450, 15.5566,
50.4757

 240.9120, 6.9454,
12.3552

 24.4510, 9.6377,
35.5615

 12.9730, 4.4503,

19.3177

■ 0.0000, 0.0000,
0.0000

■ 113.1980, 40.8214,
113.8364

■ 113.1980, 40.8214,
113.8364

■ 98.5400, 45.5828,
126.6914

■ 127.8560, 36.0600,
100.9813

■ 94.2030, 46.7349,
130.4950

■ 143.2150, 31.4460,
87.5114

■ 157.8730, 26.6846,
74.6564

■ 172.6450, 22.3600,
61.7013

■ 187.3030, 17.5986,
48.8463

■ 202.5480, 12.5478,
35.4764

■ 217.3200, 8.2232,
22.5214

■ 231.9780, 3.4618,
9.6663

■ 247.2230, -1.5889,
-3.7036

Harmonies

Analogous

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



134.7130, 59.3015, 19.5457



113.1980, 40.8214, 113.8364



89.5830, 13.5166, 145.0707

Triad

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



113.1980, 40.8214, 113.8364



124.6490, -61.4520, 16.9708



124.5910, 53.4456, -109.2663

Complementary

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



113.1980, 40.8214, 113.8364



160.8020, -40.8214, -113.8364

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.



115.6990, 19.3754, -101.4680



113.1980, 40.8214, 113.8364



104.4290, -51.4835, -53.8732

Square

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



113.1980, 40.8214, 113.8364



125.3000, -61.7729, 73.4049



104.2480, -16.8843, -91.4255



122.4030, 65.3703, -107.3474

Rectangle

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



113.1980, 40.8214, 113.8364



97.7430, -16.1423, 137.9144



104.2480, -16.8843, -91.4255



121.8550, 42.9625, -106.8668

Sweetspot

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



113.1980, 40.8214, 113.8364



214.5480, 12.5478, 35.4764



68.9220, 85.8205, 7.0844



103.4940, 7.6445, 21.4918



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.



113.1980, 40.8214, 113.8364



98.8170, 48.8972, 136.9725



101.2280, -5.0424, 124.3340



114.7280, 2.5991, 6.3775



72.1440, 35.9180, 99.8517



22.8850, 11.3957, 31.6729

Inverse Universe

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



113.1980, 40.8214, 113.8364



98.8170, 48.8972, 136.9725



172.7720, 5.0424, -124.3340



114.7280, 2.5991, 6.3775



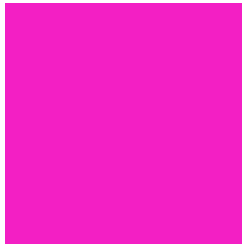
72.1440, 35.9180, 99.8517



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 113.1980, 40.8214, 113.8364 looks on a white background.

Color Contrast Check

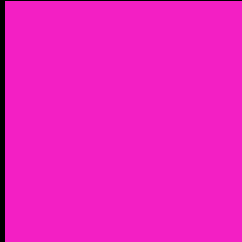
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.1980, 40.8214, 113.8364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

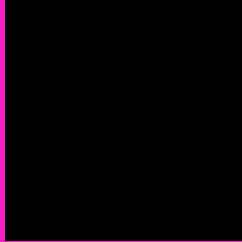
Any Text WCAG AA ✓ Pass

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 113.1980, 40.8214, 113.8364 Background



This preview shows how black text looks on a background with the YUV color 113.1980, 40.8214, 113.8364.



This preview shows how white text looks on a background with the YUV color 113.1980, 40.8214, 113.8364.

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

113.1980, 40.8214, 113.8364

Protanopia

126.0000, 63.5970, -51.7430

Deuteranopia

134.9270, 24.1930, -13.0910



Tritanopia

127.3170, -20.3693, 93.5610

Trichromacy



Original Color

113.1980, 40.8214, 113.8364



Protanomaly

121.6100, 55.4083, 8.2350



Deuteranomaly

127.1190, 30.0143, 33.2216



Tritanomaly

122.2080, 1.8695, 100.6726

Monochromacy



Original Color

113.1980, 40.8214, 113.8364



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

112.8630, 14.8575, 41.3391

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1980, 40.8214, 113.8364 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(243, 31, 196)` looks like.

```
.text, #text, p{  
    color:rgb(243, 31, 196)  
}
```

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(243, 31, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 31, 196) }
```

Border

The CSS property to change the border of an element to YUV 113.1980, 40.8214, 113.8364 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(243, 31, 196) }
```


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

```
.border{ border-color:rgb(243, 31, 196) }
```

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

Here you see how a box with a 4 pixel rgb(243, 31, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 31, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 31, 196);  
box-shadow:4px 4px 4px 4px rgb(243, 31,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 113.1980, 40.8214, 113.8364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 31, 196) }
```

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

```
.background{ background-color: rgb(243, 31,  
196) }
```

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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