

Converting Colors

YUV(153.3860, 1.7817, 82.0995)

Have a look what the booklet for
YUV(153.3860, 1.7817, 82.0995)
contains.

YUV(153.3860, 1.7817, 82.0995)	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(153.3860, 1.7817,
82.0995)**

Conversions

Conversions Part 1

Format	Color
Hex	F7699D
RGB	247, 105, 157
RGB Percent	97%, 41%, 62%
CMY	0.0314, 0.5882, 0.3843
CMYK	0.00, 0.57, 0.36, 0.03
HSL	338°, 90%, 69%
HSV	338°, 57%, 97%
XYZ	49.4952, 32.3116, 35.5264
YIQ	153.3860, 67.9400, 46.2760

Conversions

Conversions Part 2

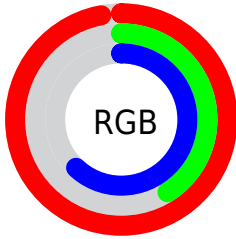
Format	Color
R _Y B	247, 105, 157
Decimal	16214429
CIE Lab	63.60, 59.16, -0.45
CIE LCh	64, 59.164, 359.568
Yxy	32.3116, 0.4218, 0.2754
Android (android.graphics.Color)	4294404509 (0xFFFF7699D)
YUV	153.3860, 1.7817, 82.0995
Hunter-Lab	56.8433, 55.9494, 2.7348

Details

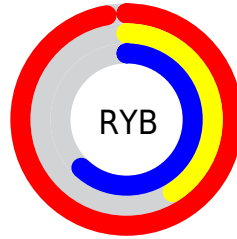
The YUV color **153.3860, 1.7817, 82.0995** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **198.6140, -1.7817, -82.0995**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.8060, 7.9836, 52.7901**, and **95.5860, 5.1341, 80.1701** is the 20% darker color. If you saturate the color by 10%, you get **136.8870, 2.0277, 96.5691**, and if you desaturate by 10%, it is **169.8850, 1.5357, 67.6299**.

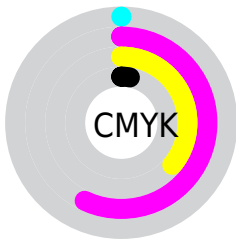
Distribution



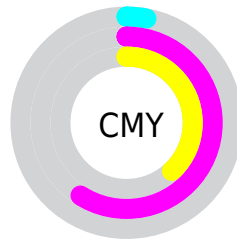
- Red (97%)
- Green (41%)
- Blue (62%)



- Red (97%)
- Yellow (41%)
- Blue (62%)



- Cyan (0%)
- Magenta (57%)
- Yellow (36%)
- Black (3%)



- Cyan (3%)
- Magenta (59%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.3860, 1.7817, 82.0995 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 153.3860, 1.7817, 82.0995 by changing the saturation by 10% instead.

 153.3860, 1.7817,
82.0995


 153.3860, 1.7817,
82.0995


255.0000, 0.0000,
0.0000


 125.0160, 2.9501,
80.6700


 194.8060, 7.9836,
52.7901


 95.5860, 5.1341,
80.1701

 215.1350, 12.2584,
34.9616


 56.8780, 12.3851,
87.8070

 233.8680, 10.4181,
18.5328

 44.9980, 6.9030,
72.7928

 250.8910, 2.0257,
3.6036

 33.9330, 2.0050,
57.0638

 23.3520, -3.6245,
42.6643

 13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 153.3860, 1.7817,
82.0995

■ 153.3860, 1.7817,
82.0995

■ 136.8870, 2.0277,
96.5691

■ 169.8850, 1.5357,
67.6299

■ 121.0890, 2.4211,
110.4239

■ 185.6830, 1.1423,
53.7750

■ 104.5900, 2.6671,
124.8936

■ 202.1820, 0.8963,
39.3054

■ 88.0910, 2.9131,
139.3632

■ 218.6810, 0.6503,
24.8358

■ 84.1130, 2.9023,
142.8519

■ 235.0660, -0.0325,
10.4661

250.9780, 0.0108,
-3.4887

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



157.8610, 24.7185, 51.8649



153.3860, 1.7817, 82.0995



151.5670, -22.9575, 83.6947

Triad

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



153.3860, 1.7817, 82.0995



142.5820, -43.1779, -11.0344



129.3670, 56.5141, -113.4549

Complementary

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



153.3860, 1.7817, 82.0995



198.6140, -1.7817, -82.0995

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.



128.4430, 37.7426, -112.6445



153.3860, 1.7817, 82.0995



129.1460, -15.3550, -68.5340

Square

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



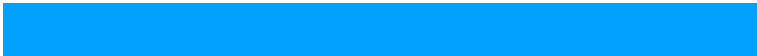
153.3860, 1.7817, 82.0995



147.3870, -53.9278, 30.3556



122.4010, 14.5923, -107.3457



122.9900, 65.0809, -107.8622

Rectangle

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



153.3860, 1.7817, 82.0995



151.0050, -37.4705, 71.9096



122.4010, 14.5923, -107.3457



129.8740, 50.8411, -113.8995

Sweetspot

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



153.3860, 1.7817, 82.0995



226.6810, 0.6503, 24.8358



148.0980, 48.7587, 41.1331



110.8000, 0.0986, 15.0844



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.



153.3860, 1.7817, 82.0995



138.9200, 2.0114, 101.8022



158.6110, -26.4302, 77.5172



114.1580, 0.4151, 6.8774



63.3660, 2.2846, 107.5500



20.0350, 0.4757, 34.1723

Inverse Universe

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



153.3860, 1.7817, 82.0995



138.9200, 2.0114, 101.8022



193.3890, 26.4302, -77.5172



114.1580, 0.4151, 6.8774



63.3660, 2.2846, 107.5500



20.0350, 0.4757, 34.1723

Previews

White Background



This preview shows how the YUV color 153.3860, 1.7817, 82.0995 looks on a white background.

Color Contrast Check

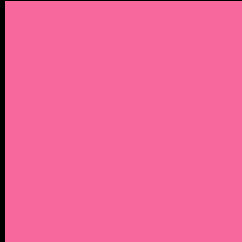
Large Text (above 18pt) WCAG AA × Fail

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 153.3860, 1.7817, 82.0995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

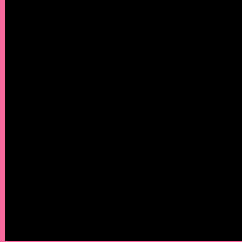
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.3860, 1.7817, 82.0995

Background



This preview shows how black text looks on a background with the YUV color 153.3860, 1.7817, 82.0995.



This preview shows how white text looks on a background with the YUV color 153.3860, 1.7817,

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

153.3860, 1.7817, 82.0995

Protanopia

155.0820, 15.7356, -7.0879

Deuteranopia

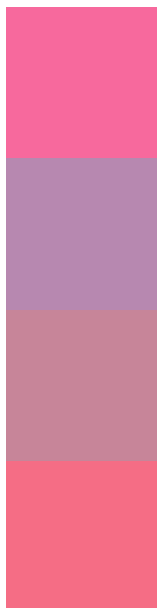
155.6920, -2.8062, 13.4251



Tritanopia

152.3800, -15.9633, 80.3507

Trichromacy



Original Color

153.3860, 1.7817, 82.0995

Protanomaly

154.6130, 10.5438, 24.8954

Deuteranomaly

155.0140, -0.9929, 38.5757

Tritanomaly

152.4000, -9.5642, 81.2102

Monochromacy



Original Color

153.3860, 1.7817, 82.0995

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.3010, 0.3446, 29.5540

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.3860, 1.7817, 82.0995 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(247, 105, 157)` looks like.

```
.text, #text, p{  
    color:rgb(247, 105, 157)  
}
```

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(247, 105, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 105, 157) }
```

Border

The CSS property to change the border of an element to YUV 153.3860, 1.7817, 82.0995 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(247, 105, 157) }
```


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

```
.border{ border-color:rgb(247, 105, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 105, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 105, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 105, 157);  
box-shadow:4px 4px 4px 4px rgb(247, 105,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 153.3860, 1.7817, 82.0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 105, 157) }
```

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

```
.background{ background-color: rgb(247,  
105, 157) }
```

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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