

Converting Colors

YUV(160.7780, -6.2996,
60.7077)

Have a look what the booklet for
YUV(160.7780, -6.2996, 60.7077)
contains.

YUV(160.7780, -6.2996, 60.7077)	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(160.7780, -6.2996,
60.7077)**

Conversions

Conversions Part 1

Format	Color
Hex	E68094
RGB	230, 128, 148
RGB Percent	90%, 50%, 58%
CMY	0.0980, 0.4980, 0.4196
CMYK	0.00, 0.44, 0.36, 0.10
HSL	348°, 67%, 70%
HSV	348°, 44%, 90%
XYZ	45.6976, 34.3995, 32.2482
YIQ	160.7780, 54.3720, 27.8440

Conversions

Conversions Part 2

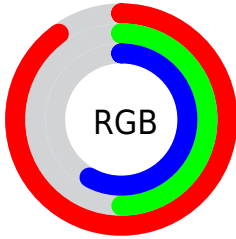
Format	Color
RYB	230, 128, 148
Decimal	15106196
CIELab	65.28, 41.36, 6.82
CIElCh	65, 41.922, 9.363
Yxy	34.3995, 0.4068, 0.3062
Android (android.graphics.Color)	4293296276 (0xFFE68094)
YUV	160.7780, -6.2996, 60.7077
Hunter-Lab	58.6510, 36.4378, 8.4562

Details

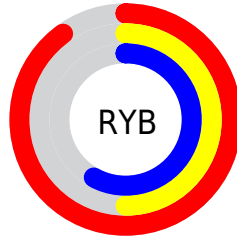
The YUV color **160.7780, -6.2996, 60.7077** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **197.2220, 6.2996, -60.7077**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6940, -2.3141, 42.3644**, and **107.2120, -4.5415, 56.8191** is the 20% darker color. If you saturate the color by 10%, you get **145.2250, -7.5059, 74.3477**, and if you desaturate by 10%, it is **176.3310, -5.0932, 47.0677**.

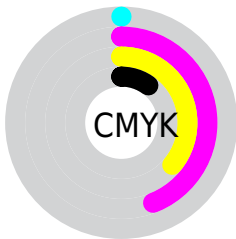
Distribution



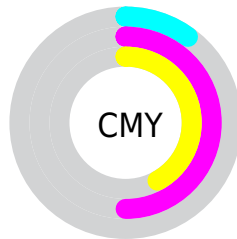
- Red (90%)
- Green (50%)
- Blue (58%)



- Red (90%)
- Yellow (50%)
- Blue (58%)



- Cyan (0%)
- Magenta (44%)
- Yellow (36%)
- Black (10%)



- Cyan (10%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 160.7780, -6.2996, 60.7077 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 160.7780, -6.2996, 60.7077 by changing the saturation by 10% instead.


 160.7780, -6.2996,
60.7077

 160.7780, -6.2996,
60.7077


255.0000, 0.0000,
0.0000


 133.8810, -5.8573,
58.8634


 206.6940, -2.3141,
42.3644

 107.2120, -4.5415,
56.8191


 226.3220, 1.8133,
25.1506

 80.5430, -3.2257,
54.7748

 246.1950, 4.3409,
7.7220

 53.7000, -1.3311,
53.7601

 29.8460, 0.5689,
51.0011

 19.1080, -6.9552,
37.6163

 10.5790, -4.7224,

21.4172

■ 0.0000, 0.0000,
0.0000

■ 160.7780, -6.2996,
60.7077

■ 160.7780, -6.2996,
60.7077

■ 145.2250, -7.5059,
74.3477

■ 176.3310, -5.0932,
47.0677

■ 129.5580, -9.1491,
88.0876

■ 191.9980, -3.4500,
33.3278

■ 114.0050,
-10.3555, 101.7276

■ 207.5510, -2.2436,
19.6878

■ 98.3380, -11.9986,
115.4676

■ 223.2180, -0.6005,
5.9478

■ 82.7850, -13.2050,
129.1076

■ 238.7710, 0.6059,
-7.6922

■ 73.9000, -14.2477,
136.8997

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



162.6740, 11.4997, 45.0129



160.7780, -6.2996, 60.7077



159.4020, -22.8762, 57.5294

Triad

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



160.7780, -6.2996, 60.7077



149.9460, -25.1164, -17.4926



133.8550, 46.4135, -93.7118

Complementary

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



160.7780, -6.2996, 60.7077



197.2220, 6.2996, -60.7077

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.



126.6820, 38.6108, -111.1001



160.7780, -6.2996, 60.7077



142.1660, -5.5048, -54.5196

Square

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



160.7780, -6.2996, 60.7077



154.5110, -35.2549, 14.4609



123.7520, 22.3073, -108.5305



155.0740, 37.9245, -30.7599

Rectangle

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



160.7780, -6.2996, 60.7077



158.1590, -31.1374, 47.2186



123.7520, 22.3073, -108.5305



126.2720, 47.1939, -110.7405

Sweetspot

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



160.7780, -6.2996, 60.7077



232.5510, -2.2436, 19.6878



164.1460, 32.4660, 40.2140



113.7350, -1.3484, 12.5104



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.



160.7780, -6.2996, 60.7077



163.3290, -8.5432, 80.3955



176.6950, -24.0066, 46.7485



106.9300, -0.4585, 7.0774



57.5110, -11.0979, 106.5459



16.3890, -3.1498, 30.3538

Inverse Universe

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



160.7780, -6.2996, 60.7077



163.3290, -8.5432, 80.3955



181.3050, 24.0066, -46.7485



106.9300, -0.4585, 7.0774



57.5110, -11.0979, 106.5459



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 160.7780, -6.2996, 60.7077 looks on a white background.

Color Contrast Check

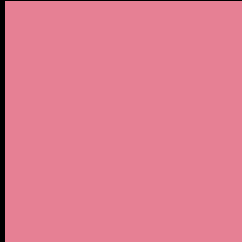
Large Text (above 18pt) WCAG AA × Fail

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 160.7780, -6.2996, 60.7077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

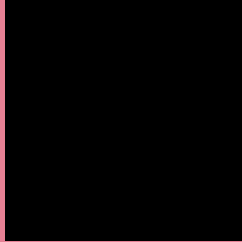
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.7780, -6.2996, 60.7077

Background



This preview shows how black text looks on a background with the YUV color 160.7780, -6.2996, 60.7077.



This preview shows how white text looks on a background with the YUV color 160.7780, -6.2996,

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

160.7780, -6.2996, 60.7077

Protanopia

159.3960, 2.7628, 0.5297

Deuteranopia

160.0470, -7.9112, 17.4988



Tritanopia

160.6270, -10.6621, 59.9631

Trichromacy



Original Color

160.7780, -6.2996, 60.7077

Protanomaly

159.7300, -0.3599, 22.1618

Deuteranomaly

160.2600, -7.5232, 33.0980

Tritanomaly

160.3820, -9.0623, 60.1780

Monochromacy



Original Color

160.7780, -6.2996, 60.7077

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.8610, -2.3965, 22.0469

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.7780, -6.2996, 60.7077 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(230, 128, 148)` looks like.

```
.text, #text, p{  
    color:rgb(230, 128, 148)  
}
```

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(230, 128, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 128, 148) }
```

Border

The CSS property to change the border of an element to YUV 160.7780, -6.2996, 60.7077 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(230, 128, 148) }
```


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

```
.border{ border-color:rgb(230, 128, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 128, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 128, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 128, 148);  
box-shadow:4px 4px 4px 4px rgb(230, 128,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 160.7780, -6.2996, 60.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 128, 148) }
```

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

```
.background{ background-color: rgb(230,  
128, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor