

Converting Colors

YUV(155.2780, -4.5741,
67.2852)

Have a look what the booklet for
YUV(155.2780, -4.5741, 67.2852)
contains.

YUV(155.2780, -4.5741, 67.2852)	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(155.2780, -4.5741,
67.2852)**

Conversions

Conversions Part 1

Format	Color
Hex	E87692
RGB	232, 118, 146
RGB Percent	91%, 46%, 57%
CMY	0.0902, 0.5373, 0.4275
CMYK	0.00, 0.49, 0.37, 0.09
HSL	345°, 71%, 69%
HSV	345°, 49%, 91%
XYZ	44.9455, 32.1880, 31.0381
YIQ	155.2780, 58.9560, 32.8760

Conversions

Conversions Part 2

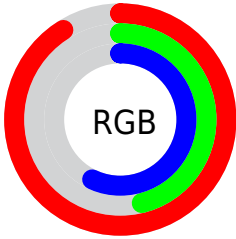
Format	Color
RYB	232, 118, 146
Decimal	15234706
CIELab	63.50, 46.88, 5.44
CIELCh	63, 47.191, 6.619
Yxy	32.1880, 0.4155, 0.2976
Android (android.graphics.Color)	4293424786 (0xFFE87692)
YUV	155.2780, -4.5741, 67.2852
Hunter-Lab	56.7345, 42.1237, 7.2779

Details

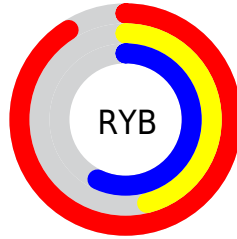
The YUV color **155.2780, -4.5741, 67.2852** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **194.7220, 4.5741, -67.2852**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.5960, -0.2938, 47.7123**, and **100.8260, -2.3792, 63.2966** is the 20% darker color. If you saturate the color by 10%, you get **139.7250, -5.7804, 80.9252**, and if you desaturate by 10%, it is **170.8310, -3.3677, 53.6452**.

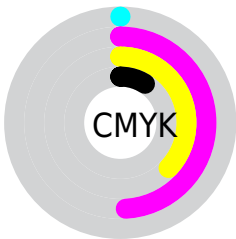
Distribution



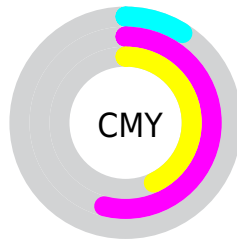
- Red (91%)
- Green (46%)
- Blue (57%)



- Red (91%)
- Yellow (46%)
- Blue (57%)



- Cyan (0%)
- Magenta (49%)
- Yellow (37%)
- Black (9%)



- Cyan (9%)
- Magenta (54%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.2780, -4.5741, 67.2852 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 155.2780, -4.5741, 67.2852 by changing the saturation by 10% instead.


 155.2780, -4.5741,
67.2852

 155.2780, -4.5741,
67.2852


255.0000, 0.0000,
0.0000


 127.4950, -3.6950,
65.3409

 200.5960, -0.2938,
47.7123


 100.8260, -2.3792,
63.2966


 220.2240, 3.8336,
30.4986

 72.9830, -0.4846,
62.2819

 240.3250, 7.2348,
12.8700

 40.3840, 4.7407,
66.3152

 29.6180, -0.3047,
51.2010

 19.0650, -8.4130,
38.5310

 9.9810, -4.4276,

20.1877

■ 0.0000, 0.0000,
0.0000

■ 155.2780, -4.5741,
67.2852

■ 155.2780, -4.5741,
67.2852

■ 139.7250, -5.7804,
80.9252

■ 170.8310, -3.3677,
53.6452

■ 124.2860, -6.5500,
94.4652

■ 186.2700, -2.5981,
40.1052

■ 108.1460, -7.4670,
108.6200

■ 202.4100, -1.6811,
25.9504

■ 92.7070, -8.2366,
122.1600

■ 217.8490, -0.9116,
12.4104

■ 77.1540, -9.4429,
135.7999

■ 233.4020, 0.2948,
-1.2296

■ 75.8660, -9.3009,
136.9295

■ 247.6670, 1.6432,
-13.7400

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



157.9070, 14.8358, 48.3166



155.2780, -4.5741, 67.2852



153.6310, -23.4821, 65.2216

Triad

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



155.2780, -4.5741, 67.2852



144.3930, -29.7737, -17.0077



124.2490, 52.1352, -108.9664

Complementary

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



155.2780, -4.5741, 67.2852



194.7220, 4.5741, -67.2852

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.



125.2800, 38.3160, -109.8706



155.2780, -4.5741, 67.2852



134.8510, -7.8145, -60.3823

Square

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



155.2780, -4.5741, 67.2852



148.8660, -40.3599, 18.5345



121.1930, 20.1179, -106.2863



147.3050, 44.2196, -43.2405

Rectangle

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



155.2780, -4.5741, 67.2852



152.5190, -33.7799, 54.7958



121.1930, 20.1179, -106.2863



125.2120, 48.2095, -109.8109

Sweetspot

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



155.2780, -4.5741, 67.2852



229.3880, -1.6703, 22.4617



156.7100, 37.1180, 41.4733



112.4470, -1.2064, 13.6400



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.



155.2780, -4.5741, 67.2852



154.0680, -5.9495, 88.5174



169.1090, -25.1967, 55.1554



106.9300, -0.4585, 7.0774



58.5370, -7.1667, 105.6461



16.7310, -1.8394, 30.0539

Inverse Universe

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



155.2780, -4.5741, 67.2852



154.0680, -5.9495, 88.5174



181.4780, 24.9073, -55.6702



106.9300, -0.4585, 7.0774



58.5370, -7.1667, 105.6461



16.7310, -1.8394, 30.0539

Previews

White Background



This preview shows how the YUV color 155.2780, -4.5741, 67.2852 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 155.2780, -4.5741, 67.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

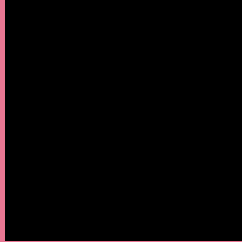
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.2780, -4.5741, 67.2852

Background



This preview shows how black text looks on a background with the YUV color 155.2780, -4.5741, 67.2852.



This preview shows how white text looks on a background with the YUV color 155.2780, -4.5741,

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

155.2780, -4.5741, 67.2852

Protanopia

154.4820, 5.6784, -1.2997

Deuteranopia

155.5630, -7.1796, 16.1692



Tritanopia

154.9160, -12.2836, 66.7257

Trichromacy



Original Color

155.2780, -4.5741, 67.2852

Protanomaly

154.7240, 2.1081, 23.9211

Deuteranomaly

155.6130, -6.2182, 34.5424

Tritanomaly

155.0130, -9.3734, 66.6406

Monochromacy



Original Color

155.2780, -4.5741, 67.2852

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.3990, -1.6757, 24.2061

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.2780, -4.5741, 67.2852 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, 118, 146)` looks like.

```
.text, #text, p{  
    color:rgb(232, 118, 146)  
}
```

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, 118, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 118, 146) }
```

Border

The CSS property to change the border of an element to YUV 155.2780, -4.5741, 67.2852 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, 118, 146) }
```


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

```
.border{ border-color:rgb(232, 118, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 118, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 118, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 118, 146); box-shadow:4px 4px 4px 4px rgb(232, 118, 146) }
```

Background

The CSS property to change the background color of an element to YUV 155.2780, -4.5741, 67.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 118, 146) }
```

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

```
.background{ background-color: rgb(232,  
118, 146) }
```

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