

Converting Colors

YUV(146.8170, 11.4292,
67.6895)

Have a look what the booklet for
YUV(146.8170, 11.4292, 67.6895)
contains.

YUV(146.8170, 11.4292, 67.6895)	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(146.8170, 11.4292,
67.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	E067AA
RGB	224, 103, 170
RGB Percent	88%, 40%, 67%
CMY	0.1216, 0.5961, 0.3333
CMYK	0.00, 0.54, 0.24, 0.12
HSL	327°, 66%, 64%
HSV	327°, 54%, 88%
XYZ	42.8464, 28.4501, 41.2634
YIQ	146.8170, 50.6090, 46.4890

Conversions

Conversions Part 2

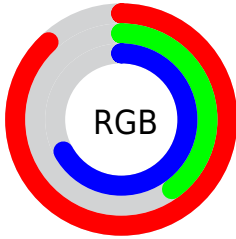
Format	Color
R_{YB}	224, 103, 170
Decimal	14706602
CIE _{Lab}	60.29, 54.53, -13.19
CIE _{LCh}	60, 56.102, 346.400
Yxy	28.4501, 0.3807, 0.2528
Android (android.graphics.Color)	4292896682 (0xFFE067AA)
YUV	146.8170, 11.4292, 67.6895
Hunter-Lab	53.3386, 50.0449, -8.5304

Details

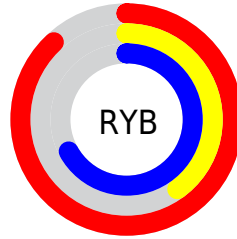
The YUV color **146.8170, 11.4292, 67.6895** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **180.1830, -11.4292, -67.6895**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6410, 14.9670, 52.9348**, and **90.6750, 13.4712, 66.0600** is the 20% darker color. If you saturate the color by 10%, you get **132.7630, 13.4278, 80.0148**, and if you desaturate by 10%, it is **160.8710, 9.4306, 55.3641**.

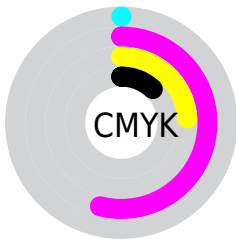
Distribution



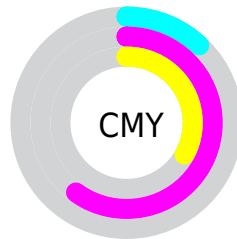
- Red (88%)
- Green (40%)
- Blue (67%)



- Red (88%)
- Yellow (40%)
- Blue (67%)



- Cyan (0%)
- Magenta (54%)
- Yellow (24%)
- Black (12%)





- Cyan (12%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.8170, 11.4292, 67.6895 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 146.8170, 11.4292, 67.6895 by changing the saturation by 10% instead.


 146.8170, 11.4292,
67.6895


 146.8170, 11.4292,
67.6895


255.0000, 0.0000,
0.0000


 119.2190, 11.7240,
66.4599


 194.6410, 14.9670,
52.9348

 90.6750, 13.4712,
66.0600

 214.3830, 19.5312,
35.6211


 57.4350, 17.5335,
69.7785

 231.5200, 11.5756,
20.5920

 40.7560, 13.9243,
60.7270

 248.5430, 3.1833,
5.6628

 29.8760, 8.4421,
45.7127

 20.4200, 3.2439,
32.9577

 7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,
0.0000

■ 146.8170, 11.4292,
67.6895

■ 146.8170, 11.4292,
67.6895

■ 132.7630, 13.4278,
80.0148

■ 160.8710, 9.4306,
55.3641

■ 118.1220, 15.7159,
92.8550

■ 175.5120, 7.1426,
42.5240

■ 104.0680, 17.7145,
105.1804

■ 189.5660, 5.1440,
30.1986

■ 89.4270, 20.0025,
118.0205

■ 204.2070, 2.8559,
17.3585

■ 81.1120, 21.1438,
125.3128

■ 218.2610, 0.8573,
5.0331

■ 232.3150, -1.1413,
-7.2923

■ 244.0210, -1.9824,
-17.5584

■ 245.1610, 2.3856,
-18.5582

■ 245.7310, 4.5696,
-19.0581

Harmonies

Analogous

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



150.1400, 31.4830, 28.8182



146.8170, 11.4292, 67.6895



143.5310, -11.6008, 81.0953

Triad

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



146.8170, 11.4292, 67.6895



136.9650, -47.3107, 7.9237



122.0660, 46.3095, -107.0519

Complementary

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



146.8170, 11.4292, 67.6895



180.1830, -11.4292, -67.6895

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.



118.8110, 26.2222, -104.1972



146.8170, 11.4292, 67.6895



129.7280, -27.9669, -36.5955

Square

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



146.8170, 11.4292, 67.6895



140.9570, -48.2928, 43.0107



112.2960, 3.7981, -98.4836



119.6330, 59.8339, -104.9181

Rectangle

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



146.8170, 11.4292, 67.6895



142.8990, -26.5722, 76.3876



112.2960, 3.7981, -98.4836



121.7580, 40.0523, -106.7818

Sweetspot

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



146.8170, 11.4292, 67.6895



228.8810, 4.0027, 22.9064



132.3420, 45.1874, 19.8711



112.0710, 2.4300, 13.9697



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.



146.8170, 11.4292, 67.6895



149.1220, 15.7159, 92.8550



140.0910, -14.3419, 73.5882



104.9730, 0.9993, 6.1627



63.6820, 16.4258, 98.5029



17.4300, 4.7180, 26.8099

Inverse Universe

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



146.8170, 11.4292, 67.6895



149.1220, 15.7159, 92.8550



186.9090, 14.3419, -73.5882



104.9730, 0.9993, 6.1627



63.6820, 16.4258, 98.5029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 146.8170, 11.4292, 67.6895 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 146.8170, 11.4292, 67.6895 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 146.8170, 11.4292, 67.6895

Background



This preview shows how black text looks on a background with the YUV color 146.8170, 11.4292, 67.6895.



This preview shows how white text looks on a background with the YUV color 146.8170, 11.4292,

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

146.8170, 11.4292, 67.6895

Protanopia

146.0840, 26.0876, -14.1057

Deuteranopia

147.4980, 8.1355, 3.9483



Tritanopia

145.6060, -12.1308, 64.3665

Trichromacy



Original Color

146.8170, 11.4292, 67.6895

Protanomaly

146.1910, 20.6118, 15.6185

Deuteranomaly

147.2820, 9.2280, 26.9397

Tritanomaly

145.9080, -3.4056, 65.8557

Monochromacy



Original Color

146.8170, 11.4292, 67.6895

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.8920, 3.9972, 24.6507

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.8170, 11.4292, 67.6895 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(224, 103, 170)` looks like.

```
.text, #text, p{  
    color:rgb(224, 103, 170)  
}
```

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(224, 103, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 103, 170) }
```

Border

The CSS property to change the border of an element to YUV 146.8170, 11.4292, 67.6895 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(224, 103, 170) }
```


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

```
.border{ border-color:rgb(224, 103, 170) }
```

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

Here you see how a box with a 4 pixel rgb(224, 103, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 103, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 103, 170);  
box-shadow:4px 4px 4px 4px rgb(224, 103,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 146.8170, 11.4292, 67.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 103, 170) }
```

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

```
.background{ background-color: rgb(224,  
103, 170) }
```

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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