

Converting Colors

YUV(154.9510, 18.2652,
68.4490)

Have a look what the booklet for
YUV(154.9510, 18.2652, 68.4490)
contains.

YUV(154.9510, 18.2652, 68.4490)	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(154.9510, 18.2652,
68.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	E96CC0
RGB	233, 108, 192
RGB Percent	91%, 42%, 75%
CMY	0.0863, 0.5765, 0.2471
CMYK	0.00, 0.54, 0.18, 0.09
HSL	320°, 74%, 67%
HSV	320°, 54%, 91%
XYZ	48.4813, 31.8545, 53.4625
YIQ	154.9510, 47.5360, 52.6240

Conversions

Conversions Part 2

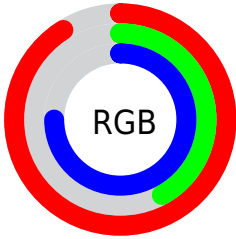
Format	Color
R _Y B	233, 108, 192
Decimal	15297728
CIE Lab	63.22, 58.02, -21.19
CIE LCh	63, 61.771, 339.936
Yxy	31.8545, 0.3623, 0.2381
Android (android.graphics.Color)	4293487808 (0xFFE96CC0)
YUV	154.9510, 18.2652, 68.4490
Hunter-Lab	56.4398, 54.5601, -16.6544

Details

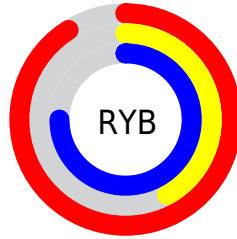
The YUV color **154.9510, 18.2652, 68.4490** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **186.0490, -18.2652, -68.4490**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8990, 23.7138, 47.4466**, and **97.6950, 19.8704, 66.9195** is the 20% darker color. If you saturate the color by 10%, you get **140.5380, 21.4268, 81.0892**, and if you desaturate by 10%, it is **169.3640, 15.1035, 55.8088**.

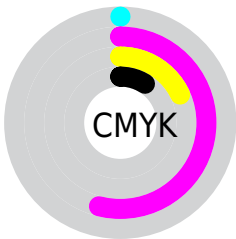
Distribution



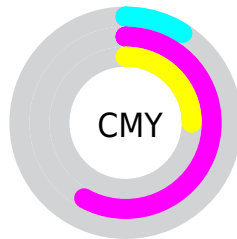
- Red (91%)
- Green (42%)
- Blue (75%)



- Red (91%)
- Yellow (42%)
- Blue (75%)



- Cyan (0%)
- Magenta (54%)
- Yellow (18%)
- Black (9%)





- Cyan (9%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 154.9510, 18.2652, 68.4490 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 154.9510, 18.2652, 68.4490 by changing the saturation by 10% instead.


 154.9510, 18.2652,
68.4490


 154.9510, 18.2652,
68.4490


255.0000, 0.0000,
0.0000

 126.4670, 18.9968,
67.1194


 200.8990, 23.7138,
47.4466


 97.6950, 19.8704,
66.9195


 218.0190, 18.2316,
32.4323

 65.3410, 23.4959,
70.7379

 235.0420, 9.8393,
17.5032

 45.3140, 21.0442,
63.7456

 252.6520, 1.1576,
2.0592

 34.6190, 14.9778,
49.4461

 24.2230, 8.7641,
35.7614

 13.7560, 3.5713,

21.2620

■ 0.0000, 0.0000,
0.0000

■ 154.9510, 18.2652,
68.4490

■ 154.9510, 18.2652,
68.4490

■ 140.5380, 21.4268,
81.0892

■ 169.3640, 15.1035,
55.8088

■ 125.6520, 25.3146,
94.1442

■ 184.2500, 11.2157,
42.7537

■ 111.2390, 28.4762,
106.7844

■ 198.6630, 8.0541,
30.1135

■ 96.8260, 31.6378,
119.4246

■ 213.0760, 4.8925,
17.4733

■ 87.5650, 34.2315,
127.5465

■ 227.9620, 1.0047,
4.4183

■ 242.3750, -2.1569,
-8.2219

■ 247.2820, -1.1250,
-12.5253

■ 248.1940, 2.3694,
-13.3251

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



156.9630, 39.9512, 19.3264



154.9510, 18.2652, 68.4490



150.5520, -6.6811, 89.8469

Triad

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



154.9510, 18.2652, 68.4490



144.0280, -56.2158, 17.5154



129.2070, 45.7469, -113.3145

Complementary

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



154.9510, 18.2652, 68.4490



186.0490, -18.2652, -68.4490

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.



124.4530, 22.4547, -109.1453



154.9510, 18.2652, 68.4490



137.3670, -37.1559, -29.2629

Square

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



154.9510, 18.2652, 68.4490



148.5240, -51.5303, 54.7915



116.7810, -1.8640, -102.4169



128.2730, 62.4764, -112.4954

Rectangle

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



154.9510, 18.2652, 68.4490



149.3610, -23.8420, 87.3834



116.7810, -1.8640, -102.4169



128.5570, 38.1794, -112.7445

Sweetspot

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



154.9510, 18.2652, 68.4490



229.4510, 6.1867, 22.4065



134.2100, 48.7035, 12.0938



112.4130, 3.7404, 13.6698



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.



154.9510, 18.2652, 68.4490



153.1630, 23.5836, 89.3110



147.9970, -8.3795, 74.5476



110.0870, 1.4361, 6.0627



68.0270, 26.6087, 99.0773



20.2500, 7.7648, 29.5987

Inverse Universe

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



154.9510, 18.2652, 68.4490



153.1630, 23.5836, 89.3110



193.0030, 8.3795, -74.5476



110.0870, 1.4361, 6.0627



68.0270, 26.6087, 99.0773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 154.9510, 18.2652, 68.4490 looks on a white background.

Color Contrast Check

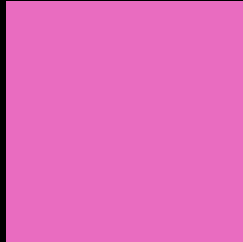
Large Text (above 18pt) WCAG AA × Fail

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 154.9510, 18.2652, 68.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

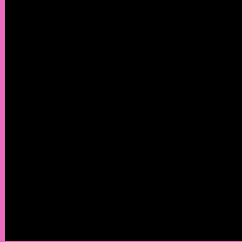
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.9510, 18.2652, 68.4490

Background



This preview shows how black text looks on a background with the YUV color 154.9510, 18.2652, 68.4490.



This preview shows how white text looks on a background with the YUV color 154.9510, 18.2652,

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

154.9510, 18.2652, 68.4490

Protanopia

152.7440, 35.1292, -20.8235

Deuteranopia

154.8870, 14.8457, -1.6549



Tritanopia

154.4210, -11.5466, 63.6518

Trichromacy



Original Color

154.9510, 18.2652, 68.4490



Protanomaly

153.3460, 28.9164, 11.9746



Deuteranomaly

155.0950, 16.2222, 23.5957



Tritanomaly

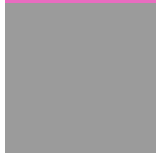
154.5920, -0.7849, 65.2558

Monochromacy



Original Color

154.9510, 18.2652, 68.4490



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.8750, 6.4706, 24.6656

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9510, 18.2652, 68.4490 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(233, 108, 192)` looks like.

```
.text, #text, p{  
    color:rgb(233, 108, 192)  
}
```

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(233, 108, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 108, 192) }
```

Border

The CSS property to change the border of an element to YUV 154.9510, 18.2652, 68.4490 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(233, 108, 192) }
```


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

```
.border{ border-color:rgb(233, 108, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 108, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 108, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 108, 192);  
box-shadow:4px 4px 4px 4px rgb(233, 108,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 154.9510, 18.2652, 68.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 108, 192) }
```

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

```
.background{ background-color: rgb(233,  
108, 192) }
```

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