

Converting Colors

YUV(152.7200, -11.6940,
64.2666)

Have a look what the booklet for
YUV(152.7200, -11.6940, 64.2666)
contains.

YUV(152.7200, -11.6940, 64.2666)	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(152.7200, -11.6940,
64.2666)**

Conversions

Conversions Part 1

Format	Color
Hex	E27881
RGB	226, 120, 129
RGB Percent	89%, 47%, 51%
CMY	0.1137, 0.5294, 0.4941
CMYK	0.00, 0.47, 0.43, 0.11
HSL	355°, 65%, 68%
HSV	355°, 47%, 89%
XYZ	42.0429, 31.1867, 24.5726
YIQ	152.7200, 60.2870, 25.2710

Conversions

Conversions Part 2

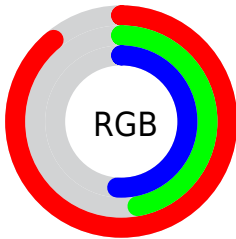
Format	Color
RYB	226, 120, 129
Decimal	14841985
CIELab	62.66, 41.89, 13.86
CIELCh	63, 44.129, 18.309
Yxy	31.1867, 0.4299, 0.3189
Android (android.graphics.Color)	4293032065 (0xFFE27881)
YUV	152.7200, -11.6940, 64.2666
Hunter-Lab	55.8450, 36.6550, 13.0031

Details

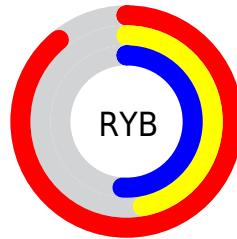
The YUV color **152.7200, -11.6940, 64.2666** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **193.2800, 11.6940, -64.2666**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.1310, -8.4456, 48.9971**, and **98.9690, -9.3517, 59.6632** is the 20% darker color. If you saturate the color by 10%, you get **136.8250, -14.2107, 78.2065**, and if you desaturate by 10%, it is **168.6150, -9.1772, 50.3266**.

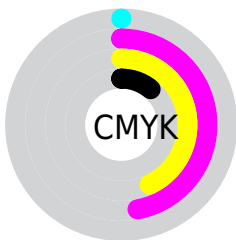
Distribution



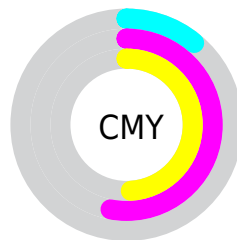
- Red (89%)
- Green (47%)
- Blue (51%)



- Red (89%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (47%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.7200, -11.6940, 64.2666 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 152.7200, -11.6940, 64.2666 by changing the saturation by 10% instead.

152.7200,
-11.6940, 64.2666

152.7200,
-11.6940, 64.2666

255.0000, 0.0000,
0.0000

125.6380,
-10.6675, 61.7075

199.1310, -8.4456,
48.9971

98.9690, -9.3517,
59.6632

218.6450, -4.7550,
31.8833

72.4140, -7.5991,
57.5189

238.9740, -0.4802,
14.0548

43.4510, -3.6733,
58.3635

26.5270, -5.6828,
49.5268

17.1570, -7.9654,
34.9423

6.5780, -3.2430,

13.5251

■ 0.0000, 0.0000,
0.0000

■ 152.7200,
-11.6940, 64.2666

■ 152.7200,
-11.6940, 64.2666

■ 136.8250,
-14.2107, 78.2065

■ 168.6150, -9.1772,
50.3266

■ 121.6310,
-16.5801, 91.5316

■ 183.8090, -6.8078,
37.0015

■ 105.7360,
-19.0968, 105.4715

■ 199.7040, -4.2911,
23.0616

■ 90.4280, -21.9030,
118.8966

■ 215.0120, -1.4849,
9.6365

■ 74.6470, -23.9830,
132.7366

■ 230.7930, 0.5951,
-4.2035

■ 69.7400, -25.0148,
137.0400

■ 246.1010, 3.4012,
-17.6286

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



155.1760, 6.8152, 54.2196



152.7200, -11.6940, 64.2666



151.4250, -27.8175, 55.7553

Triad

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



152.7200, -11.6940, 64.2666



140.6070, -21.0053, -29.4733



131.2740, 47.6859, -81.8013

Complementary

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



152.7200, -11.6940, 64.2666



193.2800, 11.6940, -64.2666

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.



122.4420, 42.6731, -107.3816



152.7200, -11.6940, 64.2666



127.3140, 3.2962, -77.4514

Square

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



152.7200, -11.6940, 64.2666



146.1570, -35.0804, 5.1243



120.9140, 26.6644, -106.0416



150.9230, 37.0130, -18.3495

Rectangle

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



152.7200, -11.6940, 64.2666



150.1000, -35.0523, 42.8853



120.9140, 26.6644, -106.0416



121.2170, 50.6720, -106.3073

Sweetspot

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



152.7200, -11.6940, 64.2666



230.1060, -3.9963, 21.8320



160.4890, 32.2969, 47.8061



112.8060, -2.3694, 13.3251



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.



152.7200, -11.6940, 64.2666



156.1250, -15.8376, 86.7134



176.3480, -27.7796, 43.5448



104.4030, -1.1847, 6.6626



54.3340, -19.3917, 106.7011



14.8080, -5.3283, 29.1094

Inverse Universe

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



152.7200, -11.6940, 64.2666



156.1250, -15.8376, 86.7134



169.6520, 27.7796, -43.5448



104.4030, -1.1847, 6.6626



54.3340, -19.3917, 106.7011



14.8080, -5.3283, 29.1094

Previews

White Background



This preview shows how the YUV color 152.7200, -11.6940, 64.2666 looks on a white background.

Color Contrast Check

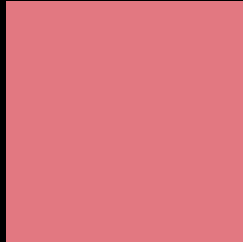
Large Text (above 18pt) WCAG AA × Fail

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 152.7200, -11.6940, 64.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

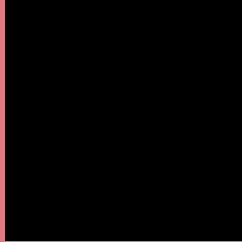
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.7200, -11.6940, 64.2666

Background



This preview shows how black text looks on a background with the YUV color 152.7200, -11.6940, 64.2666.



This preview shows how white text looks on a background with the YUV color 152.7200, -11.6940,

64.2666.

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

152.7200, -11.6940, 64.2666

Protanopia

151.8110, -3.3578, 3.6738

Deuteranopia

152.5760, -13.5950, 20.5428



Tritanopia

152.7200, -11.6940, 64.2666

Trichromacy



Original Color

152.7200, -11.6940, 64.2666

Protanomaly

152.1450, -6.4805, 25.3058

Deuteranomaly

152.7890, -13.2070, 36.1420

Tritanomaly

152.7200, -11.6940, 64.2666

Monochromacy



Original Color

152.7200, -11.6940, 64.2666

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.0030, -4.4385, 23.6764

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.7200, -11.6940, 64.2666 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(226, 120, 129)` looks like.

```
.text, #text, p{  
    color:rgb(226, 120, 129)  
}
```

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(226, 120, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 120, 129) }
```

Border

The CSS property to change the border of an element to YUV 152.7200, -11.6940, 64.2666 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(226, 120, 129) }
```


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

```
.border{ border-color:rgb(226, 120, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 120, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 120, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 120, 129); box-shadow:4px 4px 4px 4px rgb(226, 120, 129) }
```

Background

The CSS property to change the background color of an element to YUV 152.7200, -11.6940, 64.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 120, 129) }
```

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

```
.background{ background-color: rgb(226,  
120, 129) }
```

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