

Converting Colors

YUV(150.8940, -12.2727,
63.2370)

Have a look what the booklet for
YUV(150.8940, -12.2727, 63.2370)
contains.

| | |
|--|----|
| YUV(150.8940, -12.2727, 63.2370) | 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(150.8940, -12.2727,
63.2370)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DF777E |
| RGB | 223, 119, 126 |
| RGB Percent | 87%, 47%, 49% |
| CMY | 0.1255, 0.5333, 0.5059 |
| CMYK | 0.00, 0.47, 0.43, 0.13 |
| HSL | 356°, 62%, 67% |
| HSV | 356°, 47%, 87% |
| XYZ | 40.7941, 30.3880, 23.4540 |
| YIQ | 150.8940, 59.7370, 24.2250 |

Conversions

Conversions Part 2

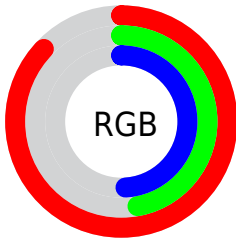
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 223, 119, 126 |
| Decimal | 14645118 |
| CIE Lab | 61.99, 41.00, 14.57 |
| CIE LCh | 62, 43.517, 19.563 |
| Yxy | 30.3880, 0.4311, 0.3211 |
| Android (android.graphics.Color) | 4292835198 (0xFFDF777E) |
| YUV | 150.8940, -12.2727, 63.2370 |
| Hunter-Lab | 55.1253, 35.6253, 13.3617 |

Details

The YUV color **150.8940, -12.2727, 63.2370** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **191.1060, 12.2727, -63.2370**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2020, -9.4666, 49.8118**, and **97.1430, -9.9305, 58.6336** is the 20% darker color. If you saturate the color by 10%, you get **135.5860, -15.0789, 76.6621**, and if you desaturate by 10%, it is **166.2020, -9.4666, 49.8118**.

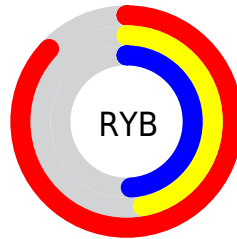
Distribution



Red (87%)

Green (47%)

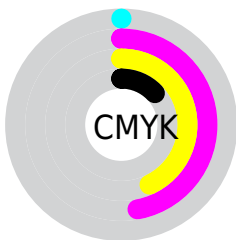
Blue (49%)



Red (87%)

Yellow (47%)

Blue (49%)

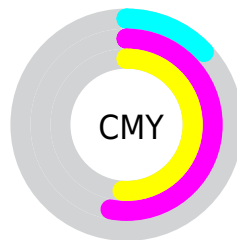


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (13%)



Cyan (13%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.8940, -12.2727, 63.2370 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 150.8940, -12.2727, 63.2370 by changing the saturation by 10% instead.

■ 150.8940,
-12.2727, 63.2370

■ 150.8940,
-12.2727, 63.2370

■ 255.0000, 0.0000,
0.0000

■ 123.8120,
-11.2463, 60.6779

■ 198.2020, -9.4666,
49.8118

■ 97.1430, -9.9305,
58.6336

■ 217.7160, -5.7760,
32.6981

■ 71.0010, -7.8885,
57.0041

■ 237.9310, -1.9380,
14.9695

■ 42.5110, -4.6889,
57.4339

■ 25.1740, -6.9878,
48.0824

■ 16.5590, -7.6706,
33.7128

■ 4.7840, -2.3585,

9.8364

0.0000, 0.0000,
0.0000

150.8940,
-12.2727, 63.2370

150.8940,
-12.2727, 63.2370

135.5860,
-15.0789, 76.6621

166.2020, -9.4666,
49.8118

119.6910,
-17.5957, 90.6020

182.0970, -6.9498,
35.8719

104.4970,
-19.9650, 103.9271

197.2910, -4.5805,
22.5468

89.1890, -22.7712,
117.3522

212.5990, -1.7743,
9.1217

73.2940, -25.2879,
131.2922

228.4940, 0.7425,
-4.8182

■ 68.3870, -26.3198,
135.5956

■ 243.8020, 3.5486,
-18.2434

■ 245.4320, 4.7170,
-19.6729

Harmonies

Analogous

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



152.9480, 5.9416, 54.4196



150.8940, -12.2727, 63.2370



149.3000, -28.2489, 54.1109

Triad

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



150.8940, -12.2727, 63.2370



138.5360, -19.9842, -30.2881



131.8510, 45.9225, -76.1683

Complementary

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



150.8940, -12.2727, 63.2370



191.1060, 12.2727, -63.2370

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.



121.1540, 42.8151, -106.2521



150.8940, -12.2727, 63.2370



125.3570, 4.7540, -78.3661

Square

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



150.8940, -12.2727, 63.2370



143.7870, -33.9120, 3.6948



119.0390, 27.0958, -104.3972



149.8910, 35.5497, -15.6904

Rectangle

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



150.8940, -12.2727, 63.2370



148.0890, -35.0469, 41.1409



119.0390, 27.0958, -104.3972



119.7010, 49.9404, -104.9778

Sweetspot

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



150.8940, -12.2727, 63.2370



230.1060, -3.9963, 21.8320



159.2610, 31.4233, 48.0061



112.6920, -2.8062, 13.4251



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.



150.8940, -12.2727, 63.2370



155.8970, -16.7112, 86.9133



175.3370, -27.7741, 41.8005



104.4030, -1.1847, 6.6626



53.9920, -20.7021, 107.0010



14.6940, -5.7651, 29.2094

Inverse Universe

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



150.8940, -12.2727, 63.2370



155.8970, -16.7112, 86.9133



166.6630, 27.7741, -41.8005



104.4030, -1.1847, 6.6626



53.9920, -20.7021, 107.0010



14.6940, -5.7651, 29.2094

Previews

White Background



This preview shows how the YUV color 150.8940, -12.2727, 63.2370 looks on a white background.

Color Contrast Check

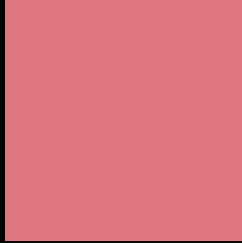
Large Text (above 18pt) WCAG AA × Fail

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 150.8940, -12.2727, 63.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

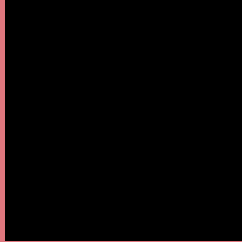
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.8940, -12.2727, 63.2370

Background



This preview shows how black text looks on a background with the YUV color 150.8940, -12.2727, 63.2370.



This preview shows how white text looks on a background with the YUV color 150.8940, -12.2727, 63.2370.

63.2370.

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

150.8940, -12.2727, 63.2370

Protanopia

150.5830, -4.2314, 3.8737

Deuteranopia

150.7610, -14.1792, 21.2576



Tritanopia

151.0080, -11.8359, 63.1370

Trichromacy



Original Color

150.8940, -12.2727, 63.2370

Protanomaly

150.9170, -7.3541, 25.5058

Deuteranomaly

150.6750, -13.6438, 36.2420

Tritanomaly

151.0080, -11.8359, 63.1370

Monochromacy



Original Color

150.8940, -12.2727, 63.2370

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.7040, -4.2911, 23.0616

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.8940, -12.2727, 63.2370 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(223, 119, 126)` looks like.

```
.text, #text, p{  
    color:rgb(223, 119, 126)  
}
```

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(223, 119, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 119, 126) }
```

Border

The CSS property to change the border of an element to YUV 150.8940, -12.2727, 63.2370 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(223, 119, 126) }
```


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

```
.border{ border-color:rgb(223, 119, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 119, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 119, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 119, 126);  
box-shadow:4px 4px 4px 4px rgb(223, 119,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 150.8940, -12.2727, 63.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 119, 126) }
```

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

```
.background{ background-color: rgb(223,  
119, 126) }
```

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