

Converting Colors

YUV(120.7940, -0.8844, 3.6887)

Have a look what the booklet for
YUV(120.7940, -0.8844, 3.6887)
contains.

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Color

**YUV(120.7940, -0.8844,
3.6887)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7777
RGB	125, 119, 119
RGB Percent	49%, 47%, 47%
CMY	0.5098, 0.5333, 0.5333
CMYK	0.00, 0.05, 0.05, 0.51
HSL	0°, 2%, 48%
HSV	0°, 5%, 49%
XYZ	18.3840, 18.8855, 20.1291
YIQ	120.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

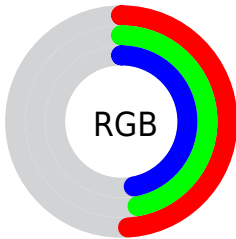
Format	Color
R_{YB}	125, 119, 119
Decimal	8222583
CIE Lab	50.55, 2.29, 0.81
CIE LCh	51, 2.433, 19.524
Yxy	18.8855, 0.3203, 0.3290
Android (android.graphics.Color)	4286412663 (0xFF7D7777)
YUV	120.7940, -0.8844, 3.6887
Hunter-Lab	43.4575, -0.5388, 2.9577

Details

The YUV color **120.7940, -0.8844, 3.6887** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **123.2060, 0.8844, -3.6887**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0930, -1.0318, 4.3034**, and **72.4950, -0.7370, 3.0739** is the 20% darker color. If you saturate the color by 10%, you get **112.3820, -2.6533, 11.0660**, and if you desaturate by 10%, it is **129.9070, 1.0318, -4.3034**.

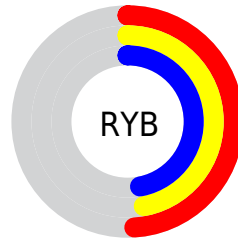
Distribution



Red (49%)

Green (47%)

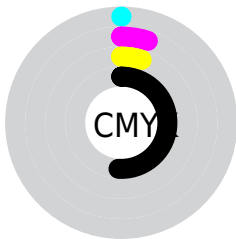
Blue (47%)



Red (49%)

Yellow (47%)

Blue (47%)



Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7940, -0.8844, 3.6887 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 120.7940, -0.8844, 3.6887 by changing the saturation by 10% instead.

■ 120.7940, -0.8844,
3.6887

■ 120.7940, -0.8844,
3.6887

■ 255.0000, 0.0000,
0.0000

■ 95.7940, -0.8844,
3.6887

■ 173.0930, -1.0318,
4.3034

■ 72.4950, -0.7370,
3.0739

■ 200.0930, -1.0318,
4.3034

■ 49.4950, -0.7370,
3.0739

■ 228.0930, -1.0318,
4.3034

■ 29.1960, -0.5896,
2.4591

■ 2.6910, -1.3267,
5.5330

■ 0.0000, 0.0000,
0.0000

■ 120.7940, -0.8844,
3.6887

■ 120.7940, -0.8844,
3.6887

■ 112.3820, -2.6533,
11.0660

■ 129.9070, 1.0318,
-4.3034

■ 103.2690, -4.5696,
19.0581

■ 138.3190, 2.8007,
-11.6808

■ 94.8570, -6.3385,
26.4354

■ 146.7310, 4.5696,
-19.0581

■ 85.7440, -8.2548,
34.4275

■ 155.8440, 6.4859,
-27.0502

■ 77.3320, -10.0237,
41.8048

■ 164.2560, 8.2548,
-34.4275

■ 68.2190, -11.9400,
49.7969

■ 173.3690, 10.1711,
-42.4196

■ 59.1060, -13.8563,
57.7890


■ 182.4820, 12.0874,
-50.4117


■ 50.6940, -15.6251,

■ 190.8940, 13.8563,

65.1664

-57.7890

 42.2820, -17.3940,
72.5437

 199.3060, 15.6251,
-65.1664

Harmonies

Analogous

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



120.7230, 0.1366, 2.8739



120.7940, -0.8844, 3.6887



120.5660, -1.7580, 3.8886

Triad

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



120.7940, -0.8844, 3.6887



119.7610, -0.8682, -1.5444



120.4450, 1.7526, -2.1443

Complementary

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



120.7940, -0.8844, 3.6887



123.2060, 0.8844, -3.6887

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.



119.7330, 1.6106, -3.2738



120.7940, -0.8844, 3.6887



119.8640, -0.4260, -3.3887

Square

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



120.7940, -0.8844, 3.6887



120.4300, -2.1840, 0.4999



119.9070, 1.0318, -4.3034



120.4560, 1.7472, -0.3999

Rectangle

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



120.7940, -0.8844, 3.6887



120.7400, -2.3368, 2.8590



119.9070, 1.0318, -4.3034



120.1460, 1.9000, -2.7590

Sweetspot

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



120.7940, -0.8844, 3.6887



162.2990, -0.1474, 0.6148



121.4780, 1.7363, 3.0888



81.2990, -0.1474, 0.6148



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



120.7940, -0.8844, 3.6887



155.9900, -1.4741, 6.1478



122.5550, -1.7526, 2.1443



60.4950, -0.7370, 3.0739



38.2720, -18.8681, 78.6915



0.0000, 0.0000, 0.0000

Inverse Universe

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



123.2060, 0.8844, -3.6887



160.0100, 1.4741, -6.1478



121.4450, 1.7526, -2.1443



62.5050, 0.7370, -3.0739



89.7280, 18.8681, -78.6915



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 120.7940, -0.8844, 3.6887 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 120.7940, -0.8844, 3.6887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

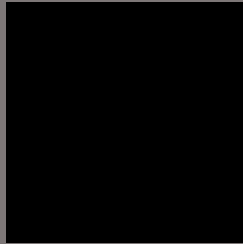
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.7940, -0.8844, 3.6887

Background



This preview shows how black text looks on a background with the YUV color 120.7940, -0.8844, 3.6887.



This preview shows how white text looks on a background with the YUV color 120.7940, -0.8844,

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

120.7940, -0.8844, 3.6887

Protanopia

120.7830, -0.8790, 1.9443

Deuteranopia

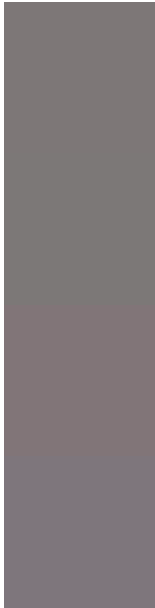
121.2400, -0.6113, 9.4365



Tritanopia

121.4180, 2.7519, 4.0184

Trichromacy



Original Color

120.7940, -0.8844, 3.6887

Protanomaly

121.0820, -1.0264, 2.5591

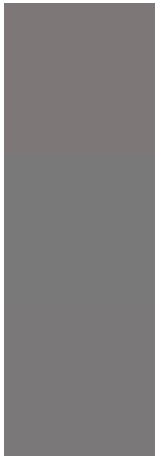
Deuteranomaly

120.9300, -0.4585, 7.0774

Tritanomaly

121.0760, 1.4415, 4.3183

Monochromacy



Original Color

120.7940, -0.8844, 3.6887

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.5980, -0.2948, 1.2296

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7940, -0.8844, 3.6887 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(125, 119, 119)` looks like.

```
.text, #text, p{  
    color:rgb(125, 119, 119)  
}
```

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(125, 119, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 119, 119) }
```

Border

The CSS property to change the border of an element to YUV 120.7940, -0.8844, 3.6887 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(125, 119, 119) }
```


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

```
.border{ border-color:rgb(125, 119, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 119, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 119, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 119, 119);  
box-shadow:4px 4px 4px 4px rgb(125, 119,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 120.7940, -0.8844, 3.6887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 119, 119) }
```

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

```
.background{ background-color: rgb(125,  
119, 119) }
```

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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