

Converting Colors

YUV(25.7940, -0.8844, 3.6887)

Have a look what the booklet for
YUV(25.7940, -0.8844, 3.6887)
contains.

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Color

**YUV(25.7940, -0.8844,
3.6887)**

Conversions

Conversions Part 1

Format	Color
Hex	1E1818
RGB	30, 24, 24
RGB Percent	12%, 9%, 9%
CMY	0.8824, 0.9059, 0.9059
CMYK	0.00, 0.20, 0.20, 0.88
HSL	0°, 11%, 11%
HSV	0°, 20%, 12%
XYZ	1.0269, 0.9952, 1.0021
YIQ	25.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

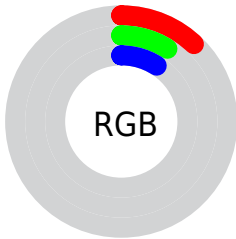
Format	Color
R_YB	30, 24, 24
Decimal	1972248
CIE Lab	8.95, 2.99, 1.11
CIE LCh	9, 3.184, 20.343
Yxy	0.9952, 0.3396, 0.3291
Android (android.graphics.Color)	4280162328 (0xFF1E1818)
YUV	25.7940, -0.8844, 3.6887
Hunter-Lab	9.9761, 0.9162, 1.0275

Details

The YUV color **25.7940, -0.8844, 3.6887** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **28.2060, 0.8844, -3.6887**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **69.0930, -1.0318, 4.3034**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.6910, -1.3267, 5.5330**, and if you desaturate by 10%, it is **27.8970, -0.4422, 1.8443**.

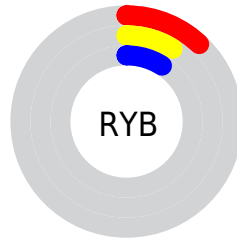
Distribution



Red (12%)

Green (9%)

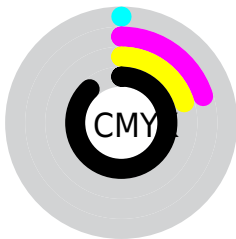
Blue (9%)



Red (12%)

Yellow (9%)

Blue (9%)

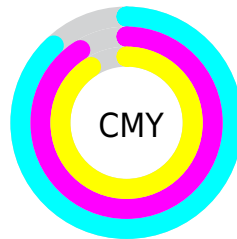


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (88%)



Cyan (88%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.7940, -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 25.7940, -0.8844, 3.6887 by changing the saturation by 10% instead.

■ 25.7940, -0.8844,
3.6887

■ 25.7940, -0.8844,
3.6887

■ 251.4950, -0.7370,
3.0739

■ 0.0000, 0.0000,
0.0000

■ 69.0930, -1.0318,
4.3034

■ 92.3920, -1.1793,
4.9182

■ 117.0930, -1.0318,
4.3034

■ 142.3920, -1.1793,
4.9182

■ 168.6910, -1.3267,
5.5330

■ 196.2780, -1.6161,

5.0182

■ 223.6910, -1.3267,
5.5330

■ 25.7940, -0.8844,
3.6887

■ 25.7940, -0.8844,
3.6887

■ 23.6910, -1.3267,
5.5330

■ 27.8970, -0.4422,
1.8443

■ 21.5880, -1.7689,
7.3773

■ 30.0000, 0.0000,
0.0000

■ 19.4850, -2.2111,
9.2217

■ 32.1030, 0.4422,
-1.8443

■ 17.3820, -2.6533,
11.0660

■ 34.2060, 0.8844,
-3.6887

■ 15.2790, -3.0955,
12.9103

■ 36.3090, 1.3267,
-5.5330

■ 13.1760, -3.5378,
14.7546

■ 38.4120, 1.7689,
-7.3773

■ 11.0730, -3.9800,
16.5990

■ 40.5150, 2.2111,
-9.2217

■ 8.9700, -4.4222,
18.4433

■ 42.6180, 2.6533,
-11.0660

■ 44.7210, 3.0955,
-12.9103

Harmonies

Analogous

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



25.7230, 0.1366, 2.8739



25.7940, -0.8844, 3.6887



25.2670, -1.6106, 3.2738

Triad

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



25.7940, -0.8844, 3.6887



24.7610, -0.8682, -1.5444



25.2600, 2.3368, -2.8590

Complementary

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



25.7940, -0.8844, 3.6887



28.2060, 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.



24.8470, 2.0474, -3.3738



25.7940, -0.8844, 3.6887



24.9780, 0.0108, -3.4887

Square

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



25.7940, -0.8844, 3.6887



25.4300, -2.1840, 0.4999



24.9070, 1.0318, -4.3034



25.4560, 1.7472, -0.3999

Rectangle

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



25.7940, -0.8844, 3.6887



25.4410, -2.1894, 2.2442



24.9070, 1.0318, -4.3034



25.1460, 1.9000, -2.7590

Sweetspot

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



25.7940, -0.8844, 3.6887



36.5980, -0.2948, 1.2296



26.4780, 1.7363, 3.0888



19.2990, -0.1474, 0.6148



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



25.7940, -0.8844, 3.6887



31.6910, -1.3267, 5.5330



27.5550, -1.7526, 2.1443



14.2990, -0.1474, 0.6148



23.6210, -11.6452, 48.5674



61.8930, -30.5132, 127.2588

Inverse Universe

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



28.2060, 0.8844, -3.6887



35.3090, 1.3267, -5.5330



26.4450, 1.7526, -2.1443



14.7010, 0.1474, -0.6148



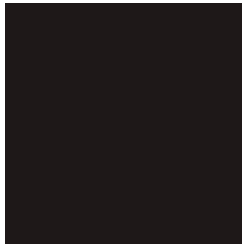
55.3790, 11.6452, -48.5674



145.1070, 30.5132, -127.2588

Previews

White Background



This preview shows how the YUV color 25.7940, -0.8844, 3.6887 looks on a white background.

Color Contrast Check

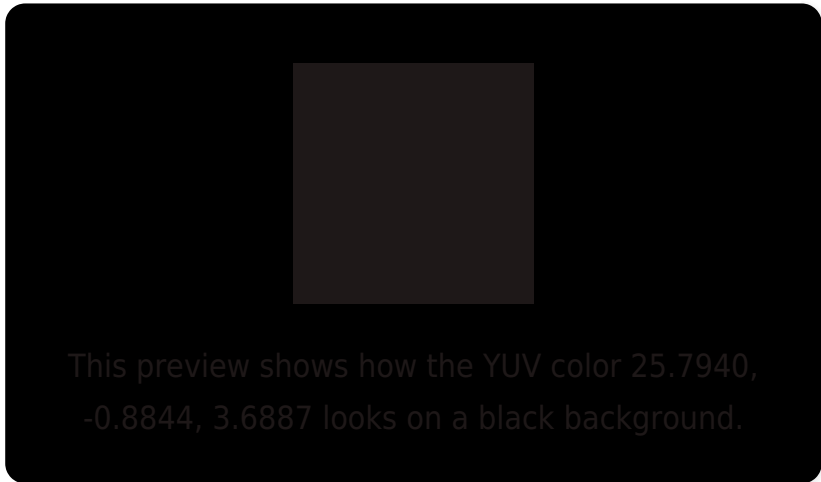
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

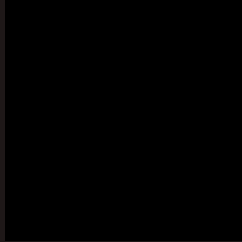
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.7940, -0.8844, 3.6887

Background



This preview shows how black text looks on a background with the YUV color 25.7940, -0.8844, 3.6887.



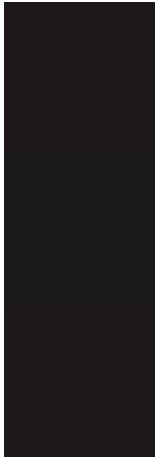
This preview shows how white text looks on a background with the YUV color 25.7940, -0.8844,

3.6887.

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

25.7940, -0.8844, 3.6887

Protanopia

25.2990, -0.1474, 0.6148

Deuteranopia

26.0820, -1.0264, 2.5591



Tritanopia

26.0220, -0.0108, 3.4887

Trichromacy



Original Color

25.7940, -0.8844, 3.6887

Protanomaly

25.5980, -0.2948, 1.2296

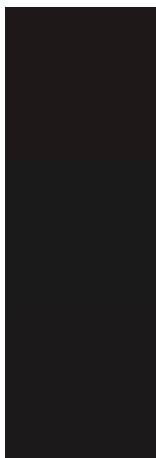
Deuteranomaly

26.0820, -1.0264, 2.5591

Tritanomaly

25.9080, -0.4476, 3.5887

Monochromacy



Original Color

25.7940, -0.8844, 3.6887

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.5980, -0.2948, 1.2296

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.7940, -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(30, 24, 24)` looks like.

```
.text, #text, p{  
    color:rgb(30, 24, 24)  
}
```

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(30, 24, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 24, 24) }
```

Border

The CSS property to change the border of an element to YUV 25.7940, -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(30, 24, 24) }
```


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

```
.border{ border-color:rgb(30, 24, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 24, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 24, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 24, 24);  
box-shadow:4px 4px 4px 4px rgb(30, 24, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.7940, -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(30, 24, 24) }
```

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

```
.background{ background-color: rgb(30, 24,  
24) }
```

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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