

Converting Colors

YUV(79.7940, -17.6464,
13.3357)

Have a look what the booklet for
YUV(79.7940, -17.6464, 13.3357)
contains.

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Color

**YUV(79.7940, -17.6464,
13.3357)**

Conversions

Conversions Part 1

Format	Color
Hex	5F4F2C
RGB	95, 79, 44
RGB Percent	37%, 31%, 17%
CMY	0.6275, 0.6902, 0.8275
CMYK	0.00, 0.17, 0.54, 0.63
HSL	41°, 37%, 27%
HSV	41°, 54%, 37%
XYZ	7.9699, 8.2067, 3.5469
YIQ	79.7940, 20.7710, -7.4930

Conversions

Conversions Part 2

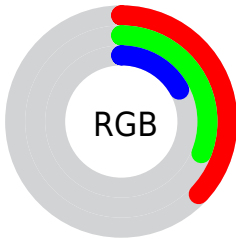
Format	Color
RYB	67, 95, 44
Decimal	6246188
CIELab	34.41, 1.56, 23.04
CIELCh	34, 23.092, 86.116
Yxy	8.2067, 0.4041, 0.4161
Android (android.graphics.Color)	4284436268 (0xFF5F4F2C)
YUV	79.7940, -17.6464, 13.3357
Hunter-Lab	28.6474, -0.4728, 12.7124

Details

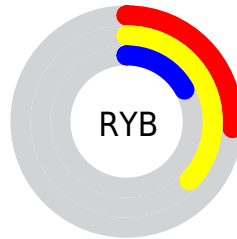
The YUV color **79.7940, -17.6464, 13.3357** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59.2060, 17.6464, -13.3357**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.3490, -19.3991, 15.4799**, and **34.8970, -17.2042, 11.4913** is the 20% darker color. If you saturate the color by 10%, you get **77.0070, -20.7095, 15.7799**, and if you desaturate by 10%, it is **82.6950, -14.1466, 10.7915**.

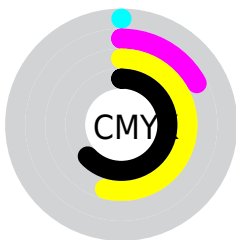
Distribution



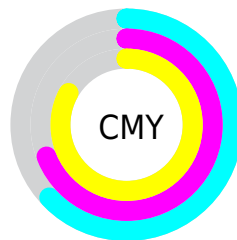
- Red (37%)
- Green (31%)
- Blue (17%)



- Red (26%)
- Yellow (37%)
- Blue (17%)



- Cyan (0%)
- Magenta (17%)
- Yellow (54%)
- Black (63%)



- Cyan (63%)
- Magenta (69%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.7940, -17.6464, 13.3357 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 79.7940, -17.6464, 13.3357 by changing the saturation by 10% instead.

■ 79.7940, -17.6464,
13.3357

■ 79.7940, -17.6464,
13.3357

■ 255.0000, 0.0000,
0.0000

■ 56.3100, -16.9148,
12.0061

■ 129.3490,
-19.3991, 15.4799

■ 34.8970, -17.2042,
11.4913

■ 155.5340,
-19.9833, 16.1947

■ 15.0950, -7.4418,
6.9327

■ 182.7190,
-20.5675, 16.9094

■ 0.0000, 0.0000,
0.0000

■ 209.9040,
-21.1517, 17.6242

■ 237.0070,
-20.7095, 15.7799

■ 251.3520,

-13.9775, 3.1993

254.5440, -1.7472,
0.3999

■ 79.7940, -17.6464,
13.3357

■ 79.7940, -17.6464,
13.3357

■ 77.0070, -20.7095,
15.7799

■ 82.6950, -14.1466,
10.7915

■ 74.1060, -24.2093,
18.3240

■ 85.4820, -11.0836,
8.3473

■ 71.3190, -27.2723,
20.7682

■ 88.3830, -7.5838,
5.8031

■ 68.4180, -30.7721,
23.3124

■ 91.1700, -4.5208,
3.3589

■ 66.5600, -32.8141,
24.9419

■ 94.0710, -1.0210,
0.8147

■ 96.8580, 2.0420,
-1.6295

■ 99.7590, 5.5418,
-4.1736

■ 102.5460, 8.6048,
-6.6178

■ 105.4470, 12.1046,
-9.1620

Harmonies

Analogous

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



81.2560, -14.9162, 24.3315



79.7940, -17.6464, 13.3357



77.9770, -15.2717, -1.7338

Triad

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



79.7940, -17.6464, 13.3357



63.7740, 15.8874, -55.9298



83.8030, 8.9711, 15.9588

Complementary

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



79.7940, -17.6464, 13.3357



59.2060, 17.6464, -13.3357

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.



81.8160, 15.8667, -2.4696



79.7940, -17.6464, 13.3357



67.5990, 21.3967, -49.6373

Square

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



79.7940, -17.6464, 13.3357



70.9800, 3.4609, -36.8165



76.7100, 19.8630, -24.3017



82.9910, 0.4974, 27.1949

Rectangle

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



79.7940, -17.6464, 13.3357



76.4640, -10.5818, -12.6849



76.7100, 19.8630, -24.3017



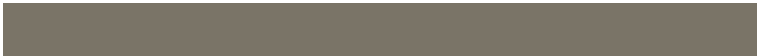
83.3400, 11.1714, 10.2258

Sweetspot

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



79.7940, -17.6464, 13.3357



116.3120, -6.5628, 4.9884



61.0730, -0.5290, 29.7540



57.9850, -3.9366, 2.6442



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



79.7940, -17.6464, 13.3357



99.0200, -27.1249, 20.1535



86.4950, -20.9500, -0.4341



46.9570, -1.4578, 0.9147



78.6870, -38.7927, 29.2155



168.0280, -82.8378, 63.1194

Inverse Universe

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



59.2060, 17.6464, -13.3357



67.5670, 26.8355, -20.6683



52.5050, 20.9500, 0.4341



45.0430, 1.4578, -0.9147



33.3130, 38.7927, -29.2155



71.3850, 83.1272, -62.6046

Previews

White Background



This preview shows how the YUV color 79.7940, -17.6464, 13.3357 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



This preview shows how the YUV color 79.7940, -17.6464, 13.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

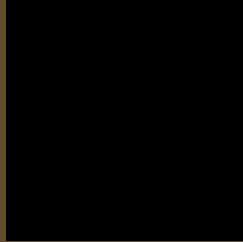
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.7940, -17.6464, 13.3357

Background



This preview shows how black text looks on a background with the YUV color 79.7940, -17.6464, 13.3357.

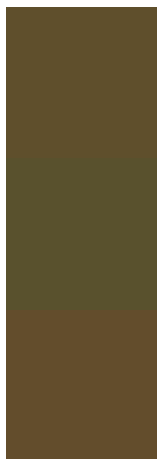


This preview shows how white text looks on a background with the YUV color 79.7940, -17.6464,

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

79.7940, -17.6464, 13.3357

Protanopia

79.2880, -16.9040, 8.5174

Deuteranopia

79.8160, -17.6573, 16.8244



Tritanopia

82.5610, -0.7696, 13.5400

Trichromacy



Original Color

79.7940, -17.6464, 13.3357

Protanomaly

79.2990, -16.9094, 10.2618

Deuteranomaly

80.1040, -17.7993, 15.6948

Tritanomaly

81.3670, -6.5899, 13.7101

Monochromacy



Original Color

79.7940, -17.6464, 13.3357

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0130, -6.4154, 4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7940, -17.6464, 13.3357 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(95, 79, 44)` looks like.

```
.text, #text, p{  
    color:rgb(95, 79, 44)  
}
```

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(95, 79, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 79, 44) }
```

Border

The CSS property to change the border of an element to YUV 79.7940, -17.6464, 13.3357 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(95, 79, 44) }
```


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

```
.border{ border-color:rgb(95, 79, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 79, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 79, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 79, 44);  
box-shadow:4px 4px 4px 4px rgb(95, 79, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.7940, -17.6464, 13.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 79, 44) }
```

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

```
.background{ background-color: rgb(95, 79,  
44) }
```

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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