

Converting Colors

YUV(79.7780, -36.8656,
17.7347)

Have a look what the booklet for
YUV(79.7780, -36.8656, 17.7347)
contains.

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Color

**YUV(79.7780, -36.8656,
17.7347)**

Conversions

Conversions Part 1

Format	Color
Hex	645405
RGB	100, 84, 5
RGB Percent	39%, 33%, 2%
CMY	0.6078, 0.6706, 0.9804
CMYK	0.00, 0.16, 0.95, 0.61
HSL	50°, 90%, 21%
HSV	50°, 95%, 39%
XYZ	8.4532, 9.0609, 1.4470
YIQ	79.7780, 34.8950, -21.1770

Conversions

Conversions Part 2

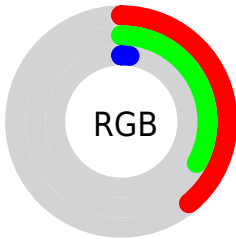
Format	Color
R_{YB}	24, 100, 5
Decimal	6575109
CIE _{Lab}	36.10, -1.39, 42.46
CIE _{LCh}	36, 42.480, 91.875
Yxy	9.0609, 0.4458, 0.4779
Android (android.graphics.Color)	4284765189 (0xFF645405)
YUV	79.7780, -36.8656, 17.7347
Hunter-Lab	30.1014, -2.5500, 18.2209

Details

The YUV color **79.7780, -36.8656, 17.7347** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **25.2220, 36.8656, -17.7347**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.7290, -35.8554, 20.4087**, and **38.1310, -18.7986, 9.5321** is the 20% darker color. If you saturate the color by 10%, you get **78.6210, -38.7602, 18.7494**, and if you desaturate by 10%, it is **82.0920, -33.0764, 15.7053**.

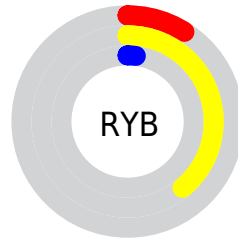
Distribution



Red (39%)

Green (33%)

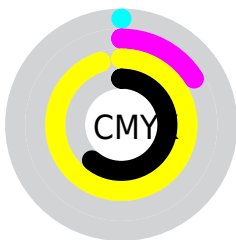
Blue (2%)



Red (9%)

Yellow (39%)

Blue (2%)

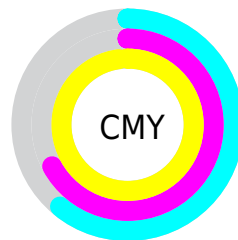


Cyan (0%)

Magenta (16%)

Yellow (95%)

Black (61%)



Cyan (61%)

Magenta (67%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.7780, -36.8656, 17.7347 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 79.7780, -36.8656, 17.7347 by changing the saturation by 10% instead.

79.7780, -36.8656,
17.7347

79.7780, -36.8656,
17.7347

253.8600, -4.3680,
0.9998

58.2320, -28.7084,
14.7055

130.7290,
-35.8554, 20.4087

38.1310, -18.7986,
9.5321

157.2130,
-36.5870, 21.7382

18.9160, -9.3256,
4.4587

184.5830,
-37.7554, 23.1677


0.0000, 0.0000,
0.0000


212.6540,
-38.7764, 23.9824


236.6530,
-37.2969, 16.0903


247.4760,


-28.8287, 6.5985


 250.6680,
-16.5983, 3.7992


 79.7780, -36.8656,
17.7347


 79.7780, -36.8656,
17.7347


 78.6210, -38.7602,
18.7494

 82.0920, -33.0764,
15.7053

 83.8190, -28.9978,
14.1907

 86.1330, -25.2086,
12.1614

 88.4470, -21.4194,
10.1320

 90.1740, -17.3408,
8.6174

■ 92.4880, -13.5516,
6.5880

■ 94.8020, -9.7624,
4.5586

■ 96.5290, -5.6838,
3.0441

■ 98.8430, -1.8946,
1.0147

Harmonies

Analogous

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



82.2720, -29.2211, 39.2265



79.7780, -36.8656, 17.7347



76.7190, -27.4695, -9.4006

Triad

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



79.7780, -36.8656, 17.7347



72.3800, 23.4767, -63.4773



86.9440, 15.3106, 36.0061

Complementary

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



79.7780, -36.8656, 17.7347



25.2220, 36.8656, -17.7347

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.



86.6390, 27.7860, 1.1936



79.7780, -36.8656, 17.7347



73.4690, 35.2648, -64.4323

Square

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



79.7780, -36.8656, 17.7347



69.0910, 8.3361, -60.5928



69.0980, 41.3637, -60.5989



82.8680, 0.5581, 54.4898

Rectangle

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



79.7780, -36.8656, 17.7347



71.3660, -15.4634, -33.6470



69.0980, 41.3637, -60.5989



87.6160, 19.4163, 25.7698

Sweetspot

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



79.7780, -36.8656, 17.7347



122.1460, -14.8620, 6.8880



35.3430, -6.5781, 56.7042



61.0300, -8.8888, 4.3587



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



79.7780, -36.8656, 17.7347



102.2660, -50.4171, 24.3227



80.2000, -37.0736, -8.9454



49.8430, -1.8946, 1.0147



90.1500, -44.4439, 21.7935



190.3450, -93.8401, 45.3014

Inverse Universe

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



25.2220, 36.8656, -17.7347



27.7340, 50.4171, -24.3227



24.8000, 37.0736, 8.9454



47.1570, 1.8946, -1.0147



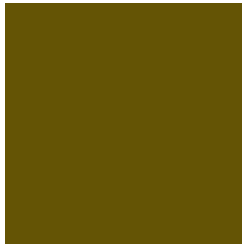
24.2630, 44.7333, -21.2787



51.6550, 93.8401, -45.3014

Previews

White Background



This preview shows how the YUV color 79.7780, -36.8656, 17.7347 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 79.7780, -36.8656, 17.7347 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 79.7780, -36.8656, 17.7347

Background



This preview shows how black text looks on a background with the YUV color 79.7780, -36.8656, 17.7347.

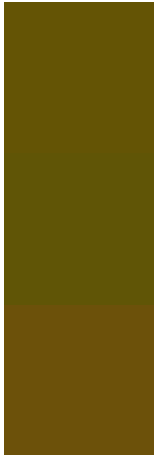


This preview shows how white text looks on a background with the YUV color 79.7780, -36.8656,

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

79.7780, -36.8656, 17.7347

Protanopia

79.2830, -36.1285, 14.6608

Deuteranopia

80.9790, -34.9926, 23.6974



Tritanopia

86.7570, -1.3592, 15.9991

Trichromacy



Original Color

79.7780, -36.8656, 17.7347

Protanomaly

79.5820, -36.2759, 15.2756

Deuteranomaly

80.4410, -35.7134, 21.5382

Tritanomaly

84.0270, -14.3103, 16.6393

Monochromacy



Original Color

79.7780, -36.8656, 17.7347

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.6020, -13.1148, 6.4880

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7780, -36.8656, 17.7347 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(100, 84, 5)` looks like.

```
.text, #text, p{  
    color:rgb(100, 84, 5)  
}
```

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(100, 84, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 84, 5) }
```

Border

The CSS property to change the border of an element to YUV 79.7780, -36.8656, 17.7347 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(100, 84, 5) }
```


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

```
.border{ border-color:rgb(100, 84, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 84, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 84, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 84, 5);  
box-shadow:4px 4px 4px 4px rgb(100, 84, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.7780, -36.8656, 17.7347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 84, 5) }
```

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

```
.background{ background-color: rgb(100, 84,  
5) }
```

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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