

Converting Colors

YUV(117.7680, -21.5776,
14.2355)

Have a look what the booklet for
YUV(117.7680, -21.5776, 14.2355)
contains.

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Color

**YUV(117.7680, -21.5776,
14.2355)**

Conversions

Conversions Part 1

Format	Color
Hex	86764A
RGB	134, 118, 74
RGB Percent	53%, 46%, 29%
CMY	0.4745, 0.5373, 0.7098
CMYK	0.00, 0.12, 0.45, 0.47
HSL	44°, 29%, 41%
HSV	44°, 45%, 53%
XYZ	17.5460, 18.5196, 9.1284
YIQ	117.7680, 23.6600, -10.2920

Conversions

Conversions Part 2

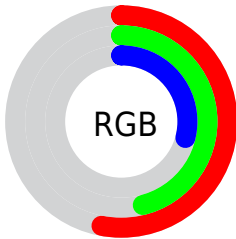
Format	Color
RYB	96, 134, 74
Decimal	8812106
CIELab	50.12, -0.30, 26.47
CIElCh	50, 26.469, 90.659
Yxy	18.5196, 0.3882, 0.4098
Android (android.graphics.Color)	4287002186 (0xFF86764A)
YUV	117.7680, -21.5776, 14.2355
Hunter-Lab	43.0344, -2.5323, 17.5475

Details

The YUV color **117.7680, -21.5776, 14.2355** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **90.2320, 21.5776, -14.2355**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0240, -23.1828, 15.7650**, and **69.2130, -19.8250, 12.0912** is the 20% darker color. If you saturate the color by 10%, you get **113.9380, -26.0984, 17.5944**, and if you desaturate by 10%, it is **121.5980, -17.0568, 10.8766**.

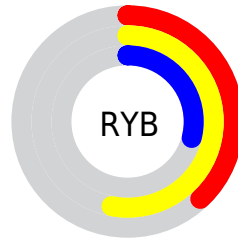
Distribution



Red (53%)

Green (46%)

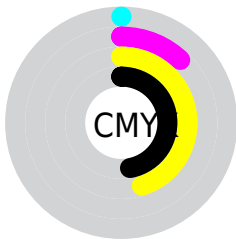
Blue (29%)



Red (38%)

Yellow (53%)

Blue (29%)

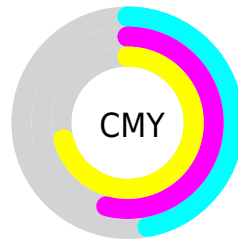


Cyan (0%)

Magenta (12%)

Yellow (45%)

Black (47%)



Cyan (47%)

Magenta (54%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7680, -21.5776, 14.2355 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 117.7680, -21.5776, 14.2355 by changing the saturation by 10% instead.

■ 117.7680,
-21.5776, 14.2355

■ 117.7680,
-21.5776, 14.2355

■ 255.0000, 0.0000,
0.0000

■ 92.6970, -20.5566,
13.4207

■ 170.0240,
-23.1828, 15.7650

■ 69.2130, -19.8250,
12.0912

■ 197.5080,
-23.9144, 17.0945

■ 46.3870, -20.4038,
11.0616

■ 225.3940,
-24.3512, 17.1945

■ 26.6130, -13.1202,
8.2324

■ 248.5990,
-21.9873, 5.6137

■ 0.5870, -0.2894,
-0.5148

■ 252.3780,
-10.0464, 2.2995

■ 0.0000, 0.0000,
0.0000

■ 117.7680,
-21.5776, 14.2355

■ 117.7680,
-21.5776, 14.2355

■ 113.9380,
-26.0984, 17.5944

■ 121.5980,
-17.0568, 10.8766

■ 110.5810,
-31.3454, 20.5385

■ 124.9550,
-11.8098, 7.9325

■ 106.7510,
-35.8662, 23.8974

■ 128.7850, -7.2890,
4.5736

■ 103.3940,
-41.1132, 26.8415

■ 132.1420, -2.0420,
1.6295

■ 99.5640, -45.6341,
30.2004

■ 135.9720, 2.4788,
-1.7294

■ 97.5920, -48.1129,
31.9298

■ 139.2150, 7.2890,
-4.5736

■ 143.1590, 12.2466,
-8.0324

■ 146.9890, 16.7674,

-11.3914

■ 150.3460, 22.0144,
-14.3354

Harmonies

Analogous

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



119.2520, -18.8582, 28.7200



117.7680, -21.5776, 14.2355



115.3850, -17.4448, -4.7226

Triad

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



117.7680, -21.5776, 14.2355



104.3330, 18.0768, -58.1740



122.6620, 9.5336, 22.2214

Complementary

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



117.7680, -21.5776, 14.2355



90.2320, 21.5776, -14.2355

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.



121.1200, 18.1818, 1.6488



117.7680, -21.5776, 14.2355



108.7070, 24.3014, -47.9780

Square

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



117.7680, -21.5776, 14.2355



107.2070, 5.8139, -44.9085



116.3340, 23.4993, -23.9719



121.9920, -0.9821, 35.0870

Rectangle

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



117.7680, -21.5776, 14.2355



113.2030, -11.4391, -17.7180



116.3340, 23.4993, -23.9719



122.4270, 12.6075, 16.2885

Sweetspot

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



117.7680, -21.5776, 14.2355



166.9700, -7.8732, 5.2883



93.7640, -1.8557, 35.2870



83.0560, -4.9576, 3.4589



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



117.7680, -21.5776, 14.2355



147.7230, -33.3874, 22.1679



122.9740, -24.1442, -2.6082



64.7290, -2.3314, 1.1147



94.6350, -46.6551, 31.0151



2.0710, -1.0210, 0.8147

Inverse Universe

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



90.2320, 21.5776, -14.2355



105.2770, 33.3874, -22.1679



85.0260, 24.1442, 2.6082



61.2710, 2.3314, -1.1147



35.3650, 46.6551, -31.0151



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 117.7680, -21.5776, 14.2355 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 117.7680, -21.5776, 14.2355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

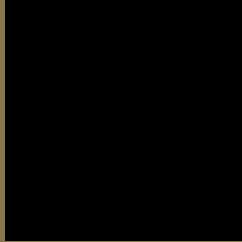
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.7680, -21.5776, 14.2355

Background



This preview shows how black text looks on a background with the YUV color 117.7680, -21.5776, 14.2355.



This preview shows how white text looks on a background with the YUV color 117.7680, -21.5776, 14.2355.

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

117.7680, -21.5776, 14.2355

Protanopia

117.2730, -20.8406, 11.1616

Deuteranopia

118.5240, -21.4573, 22.3425



Tritanopia

121.0990, -0.0488, 15.6992

Trichromacy



Original Color

117.7680, -21.5776, 14.2355

Protanomaly

117.5720, -20.9880, 11.7764

Deuteranomaly

117.9150, -21.1571, 19.3685

Tritanomaly

119.7370, -7.7583, 15.1397

Monochromacy



Original Color

117.7680, -21.5776, 14.2355

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9700, -7.8732, 5.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7680, -21.5776, 14.2355 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(134, 118, 74)` looks like.

```
.text, #text, p{  
    color:rgb(134, 118, 74)  
}
```

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(134, 118, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 118, 74) }
```

Border

The CSS property to change the border of an element to YUV 117.7680, -21.5776, 14.2355 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(134, 118, 74) }
```


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

```
.border{ border-color:rgb(134, 118, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 118, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 118, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 118, 74);  
box-shadow:4px 4px 4px 4px rgb(134, 118,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 117.7680, -21.5776, 14.2355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 118, 74) }
```

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

```
.background{ background-color: rgb(134,  
118, 74) }
```

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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