

Converting Colors

YUV(36.7780, -6.7926, -14.7143)

Have a look what the booklet for
YUV(36.7780, -6.7926, -14.7143)
contains.

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Color

**YUV(36.7780, -6.7926,
-14.7143)**

Conversions

Conversions Part 1

Format	Color
Hex	143017
RGB	20, 48, 23
RGB Percent	8%, 19%, 9%
CMY	0.9216, 0.8118, 0.9098
CMYK	0.58, 0.00, 0.52, 0.81
HSL	126°, 41%, 13%
HSV	126°, 58%, 19%
XYZ	1.5001, 2.3245, 1.1802
YIQ	36.7780, -8.6630, -13.7110

Conversions

Conversions Part 2

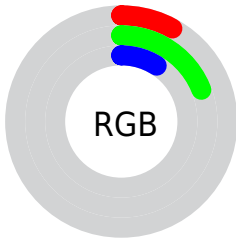
Format	Color
R_{YB}	20, 45, 48
Decimal	1323031
CIE _{Lab}	17.11, -17.28, 12.82
CIE _{LCh}	17, 21.512, 143.431
Yxy	2.3245, 0.2997, 0.4645
Android (android.graphics.Color)	4279513111 (0xFF143017)
YUV	36.7780, -6.7926, -14.7143
Hunter-Lab	15.2463, -9.1182, 6.0827

Details

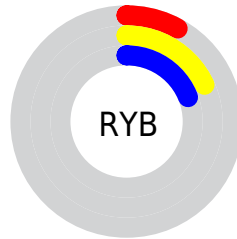
The YUV color **36.7780, -6.7926, -14.7143** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **31.2220, 6.7926, 14.7143**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.1370, -7.9555, -15.0291**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.8270, -7.8027, -17.3883**, and if you desaturate by 10%, it is **38.7290, -5.7824, -12.0403**.

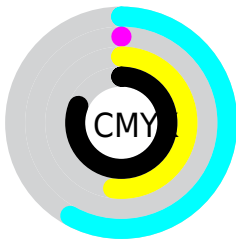
Distribution



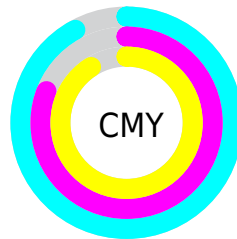
- Red (8%)
- Green (19%)
- Blue (9%)



- Red (8%)
- Yellow (18%)
- Blue (19%)



- Cyan (58%)
- Magenta (0%)
- Yellow (52%)
- Black (81%)



- Cyan (92%)
- Magenta (81%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.7780, -6.7926, -14.7143 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 36.7780, -6.7926, -14.7143 by changing the saturation by 10% instead.

■ 36.7780, -6.7926,
-14.7143

■ 36.7780, -6.7926,
-14.7143

■ 252.9350, -1.4470,
-2.5740

■ 16.4360, -8.1029,
-14.4144

■ 82.1370, -7.9555,
-15.0291

■ 0.0000, 0.0000,
0.0000

■ 106.7240, -8.2449,
-15.5439

■ 132.1970, -8.9711,
-15.9588

■ 158.7840, -9.2605,
-16.4736

■ 185.3710, -9.5499,
-16.9884

■ 212.9580, -9.8393,

-17.5032

■ 241.2570, -9.9867,
-16.8884

■ 36.7780, -6.7926,
-14.7143

■ 36.7780, -6.7926,
-14.7143

■ 34.8270, -7.8027,
-17.3883

■ 38.7290, -5.7824,
-12.0403

■ 32.7620, -9.2497,
-19.9623

■ 40.7940, -4.3354,
-9.4663

■ 31.1100, -10.4072,
-22.0215

■ 42.4460, -3.1779,
-7.4071

■ 29.1590, -11.4174,
-24.6954

■ 44.3970, -2.1677,
-4.7332

■ 28.7460, -11.7068,
-25.2102

■ 46.3480, -1.1576,
-2.0592

■ 48.4130, 0.2894,
0.5148

■ 50.3640, 1.2995,
3.1888

■ 52.0160, 2.4571,
5.2480

■ 54.0810, 3.9041,
7.8220

Harmonies

Analogous

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



39.3300, -13.9667, -0.2894



36.7780, -6.7926, -14.7143



33.6820, 2.1288, -29.5391

Triad

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



36.7780, -6.7926, -14.7143



34.7370, 18.8637, -30.4643



42.0740, -5.4595, 24.4911

Complementary

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



36.7780, -6.7926, -14.7143



31.2220, 6.7926, 14.7143

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.



42.8980, 1.5293, 22.8915



36.7780, -6.7926, -14.7143



41.9360, 13.8356, -4.3289

Square

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



36.7780, -6.7926, -14.7143



35.8140, 15.3747, -31.4089



43.6670, 8.5452, 12.5700



41.4450, -11.5584, 20.6577

Rectangle

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



36.7780, -6.7926, -14.7143



34.9360, 6.9336, -30.6389



43.6670, 8.5452, 12.5700



42.3560, -3.1335, 25.1208

Sweetspot

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



36.7780, -6.7926, -14.7143



56.5710, -2.7465, -5.7628



43.9110, -11.7881, 0.9551



28.2230, -1.5889, -3.7036



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



36.7780, -6.7926, -14.7143



43.8110, -10.2598, -22.6362



38.3740, -0.6774, -16.1140



22.1740, -0.5788, -1.0296



52.0950, -21.2458, -45.6873



128.2400, -51.8833, -112.4665

Inverse Universe

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



31.2220, 6.7926, 14.7143



35.3030, 10.6966, 22.5363



29.6260, 0.6774, 16.1140



21.8260, 0.5788, 1.0296



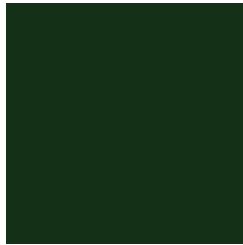
34.7910, 20.8090, 45.7873



85.7600, 51.8833, 112.4665

Previews

White Background



This preview shows how the YUV color 36.7780, -6.7926, -14.7143 looks on a white background.

Color Contrast Check

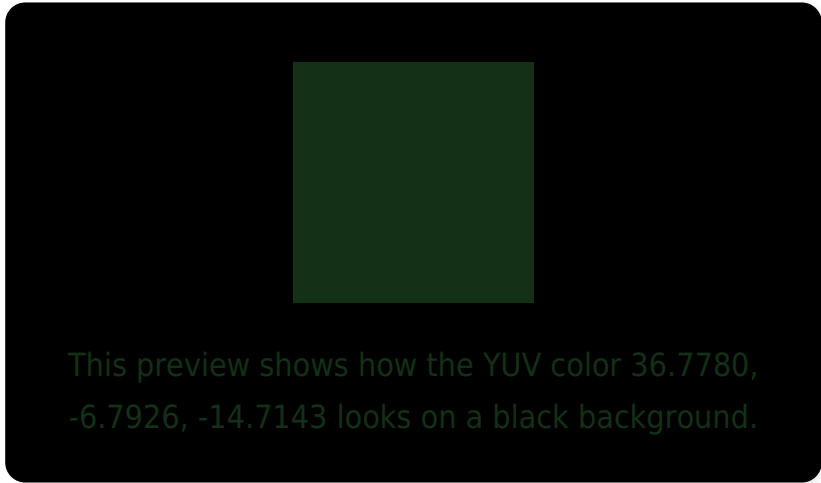
Large Text (above 18pt) WCAG AA ✓ Pass

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

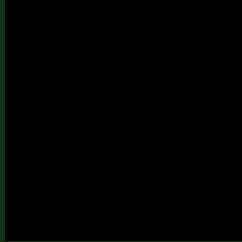
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.7780, -6.7926, -14.7143

Background



This preview shows how black text looks on a background with the YUV color 36.7780, -6.7926, -14.7143.



This preview shows how white text looks on a background with the YUV color 36.7780, -6.7926, -14.7143.

-14.7143.

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

36.7780, -6.7926, -14.7143

Protanopia

41.1010, -9.9098, 5.1734

Deuteranopia

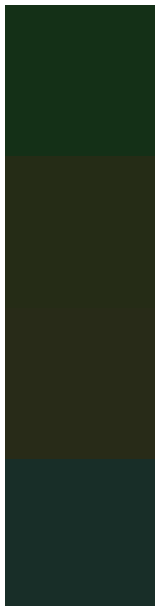
41.5790, -8.1734, 8.2622



Tritanopia

39.7750, 4.5479, -12.0807

Trichromacy



Original Color

36.7780, -6.7926, -14.7143

Protanomaly

39.3990, -8.5777, -2.1039

Deuteranomaly

39.9370, -7.8569, 0.0553

Tritanomaly

38.7380, 0.6222, -12.9252

Monochromacy



Original Color

36.7780, -6.7926, -14.7143

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9840, -2.4571, -5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.7780, -6.7926, -14.7143 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(20, 48, 23)` looks like.

```
.text, #text, p{  
    color:rgb(20, 48, 23)  
}
```

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(20, 48, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 48, 23) }
```

Border

The CSS property to change the border of an element to YUV 36.7780, -6.7926, -14.7143 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(20, 48, 23) }
```


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

```
.border{ border-color:rgb(20, 48, 23) }
```

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

Here you see how a box with a 4 pixel rgb(20, 48, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 48, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 48, 23);  
box-shadow:4px 4px 4px 4px rgb(20, 48, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.7780, -6.7926, -14.7143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 48, 23) }
```

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

```
.background{ background-color: rgb(20, 48,  
23) }
```

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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