

Converting Colors

YUV(43.7740, 6.0274, -19.9728)

Have a look what the booklet for
YUV(43.7740, 6.0274, -19.9728)
contains.

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Color

**YUV(43.7740, 6.0274,
-19.9728)**

Conversions

Conversions Part 1

Format	Color
Hex	153538
RGB	21, 53, 56
RGB Percent	8%, 21%, 22%
CMY	0.9176, 0.7922, 0.7804
CMYK	0.62, 0.05, 0.00, 0.78
HSL	185°, 45%, 15%
HSV	185°, 63%, 22%
XYZ	2.2962, 2.9912, 4.1977
YIQ	43.7740, -20.0350, -5.8510

Conversions

Conversions Part 2

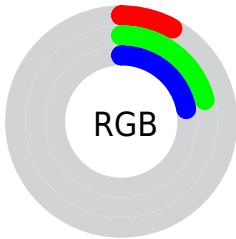
Format	Color
R_{YB}	21, 38, 56
Decimal	1389880
CIE _{Lab}	20.01, -10.67, -5.48
CIE _{LCh}	20, 11.993, 207.191
Yxy	2.9912, 0.2421, 0.3154
Android (android.graphics.Color)	4279579960 (0xFF153538)
YUV	43.7740, 6.0274, -19.9728
Hunter-Lab	17.2950, -6.5676, -2.2840

Details

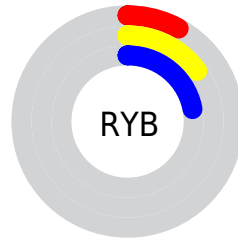
The YUV color **43.7740, 6.0274, -19.9728** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **33.2260, -6.0274, 19.9728**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.7740, 6.0274, -19.9728**, and **2.0690, 5.3890, -1.8145** is the 20% darker color. If you saturate the color by 10%, you get **41.9800, 6.9119, -23.6615**, and if you desaturate by 10%, it is **45.5680, 5.1430, -16.2841**.

Distribution



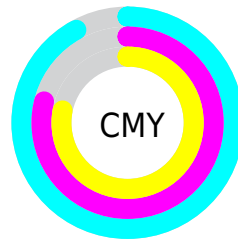
- Red (8%)
- Green (21%)
- Blue (22%)



- Red (8%)
- Yellow (15%)
- Blue (22%)



- Cyan (62%)
- Magenta (5%)
- Yellow (0%)
- Black (78%)



- Cyan (92%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.7740, 6.0274, -19.9728 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 43.7740, 6.0274, -19.9728 by changing the saturation by 10% instead.

■ 43.7740, 6.0274,
-19.9728

■ 43.7740, 6.0274,
-19.9728

■ 255.0000, 0.0000,
0.0000

■ 22.7740, 6.0274,
-19.9728

■ 90.7740, 6.0274,
-19.9728

■ 2.0690, 5.3890,
-1.8145

■ 115.4750, 6.1748,
-20.5876

■ 0.0000, 0.0000,
0.0000

■ 141.1760, 6.3222,
-21.2024

■ 167.5890, 6.6116,
-20.6876

■ 194.8770, 6.4696,
-21.8171

■ 222.8770, 6.4696,

-21.8171

■ 246.3290, 4.2748,
-17.8285

■ 43.7740, 6.0274,
-19.9728

■ 43.7740, 6.0274,
-19.9728

■ 41.9800, 6.9119,
-23.6615

■ 45.5680, 5.1430,
-16.2841

■ 39.8980, 7.9383,
-26.2205

■ 47.6500, 4.1166,
-13.7250

■ 38.1040, 8.8227,
-29.9092

■ 49.4440, 3.2321,
-10.0364

■ 36.3210, 9.7017,
-31.8535

■ 51.5260, 2.2057,
-7.4773

■ 53.3200, 1.3212,
-3.7886

■ 55.7010, 0.1474,
-0.6148

■ 57.1960, -0.5896,
2.4591

■ 59.5770, -1.7635,
5.6330

■ 61.0720, -2.5005,
8.7069

Harmonies

Analogous

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



44.2430, 1.3592, -15.9991



43.7740, 6.0274, -19.9728



45.1810, 8.7848, -17.6987

Triad

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



43.7740, 6.0274, -19.9728



49.4940, 4.1935, 8.3368



47.5680, -8.1680, 6.5179

Complementary

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



43.7740, 6.0274, -19.9728



33.2260, -6.0274, 19.9728

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.



48.8290, -7.3107, 11.5510



43.7740, 6.0274, -19.9728



49.6750, -0.3328, 13.4400

Square

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



43.7740, 6.0274, -19.9728



48.6500, 7.5676, -0.5700



49.0620, -3.9746, 14.8546



46.8660, -6.8359, -0.7595

Rectangle

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



43.7740, 6.0274, -19.9728



46.3280, 9.2053, -12.5657



49.0620, -3.9746, 14.8546



47.8780, -8.3209, 8.8770

Sweetspot

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



43.7740, 6.0274, -19.9728



69.2270, 2.3531, -8.0921



41.8870, -8.8183, -18.3179



34.7220, 1.6161, -5.0182



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



43.7740, 6.0274, -19.9728



54.3210, 9.7017, -31.8535



33.7950, 10.9471, -11.2212



27.1030, 0.4422, -1.8443



59.7960, 15.8766, -52.4411



142.9530, 37.4912, -125.3698

Inverse Universe

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



35.1130, 8.8183, 18.3179



40.5580, 14.0219, 29.3286



43.2050, -10.9471, 11.2212



26.2390, 0.8682, 1.5444



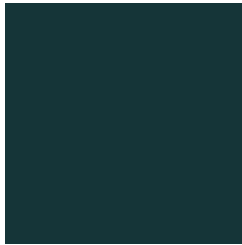
37.0840, 23.1296, 48.1613



88.3950, 55.5143, 114.5406

Previews

White Background



This preview shows how the YUV color 43.7740, 6.0274, -19.9728 looks on a white background.

Color Contrast Check

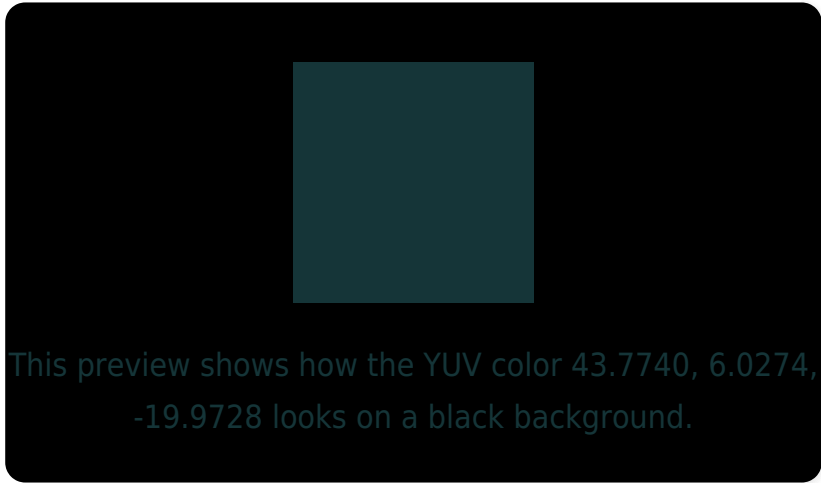
Large Text (above 18pt) WCAG AA ✓ Pass

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

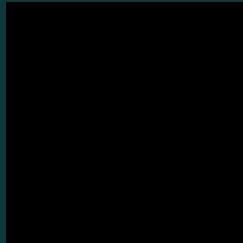
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

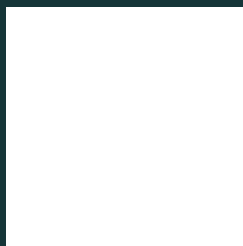
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 43.7740, 6.0274, -19.9728

Background



This preview shows how black text looks on a background with the YUV color 43.7740, 6.0274, -19.9728.



This preview shows how white text looks on a background with the YUV color 43.7740, 6.0274, -19.9728.

-19.9728.

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

43.7740, 6.0274, -19.9728

Protanopia

48.5700, 2.1840, -0.4999

Deuteranopia

48.7380, 4.0732, 0.2298



Tritanopia

44.1870, 6.3168, -19.4580

Trichromacy



Original Color

43.7740, 6.0274, -19.9728

Protanomaly

46.8680, 3.5161, -7.7772

Deuteranomaly

46.9220, 4.9685, -6.9476

Tritanomaly

44.1870, 6.3168, -19.4580

Monochromacy



Original Color

43.7740, 6.0274, -19.9728

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.8250, 2.0583, -6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.7740, 6.0274, -19.9728 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(21, 53, 56)` looks like.

```
.text, #text, p{  
    color:rgb(21, 53, 56)  
}
```

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(21, 53, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 53, 56) }
```

Border

The CSS property to change the border of an element to YUV 43.7740, 6.0274, -19.9728 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(21, 53, 56) }
```


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

```
.border{ border-color:rgb(21, 53, 56) }
```

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

Here you see how a box with a 4 pixel rgb(21, 53, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 53, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 53, 56);  
box-shadow:4px 4px 4px 4px rgb(21, 53, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.7740, 6.0274, -19.9728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 53, 56) }
```

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

```
.background{ background-color: rgb(21, 53,  
56) }
```

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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