

Converting Colors

YUV(50.8730, 2.5276, -17.4286)

Have a look what the booklet for
YUV(50.8730, 2.5276, -17.4286)
contains.

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Color

**YUV(50.8730, 2.5276,
-17.4286)**

Conversions

Conversions Part 1

Format	Color
Hex	1F3C38
RGB	31, 60, 56
RGB Percent	12%, 24%, 22%
CMY	0.8784, 0.7647, 0.7804
CMYK	0.48, 0.00, 0.07, 0.76
HSL	172°, 32%, 18%
HSV	172°, 48%, 24%
XYZ	2.8947, 3.8085, 4.3239
YIQ	50.8730, -16.0000, -7.3920

Conversions

Conversions Part 2

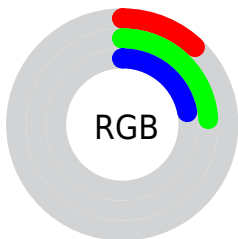
Format	Color
RYB	31, 47, 60
Decimal	2047032
CIELab	23.03, -12.08, -0.94
CIElCh	23, 12.117, 184.470
Yxy	3.8085, 0.2625, 0.3454
Android (android.graphics.Color)	4280237112 (0xFF1F3C38)
YUV	50.8730, 2.5276, -17.4286
Hunter-Lab	19.5155, -7.6751, 0.5243

Details

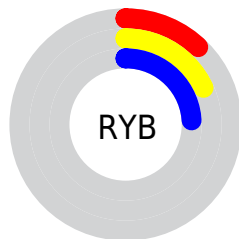
The YUV color **50.8730, 2.5276, -17.4286** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **40.1270, -2.5276, 17.4286**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.5740, 2.6750, -18.0434**, and **12.0480, 0.4693, -10.5661** is the 20% darker color. If you saturate the color by 10%, you get **48.9650, 2.9753, -21.0173**, and if you desaturate by 10%, it is **52.7810, 2.0800, -13.8399**.

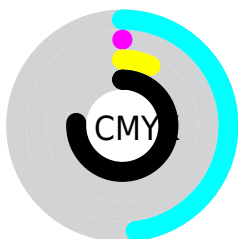
Distribution



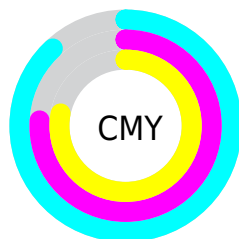
- Red (12%)
- Green (24%)
- Blue (22%)



- Red (12%)
- Yellow (18%)
- Blue (24%)



- Cyan (48%)
- Magenta (0%)
- Yellow (7%)
- Black (76%)



- Cyan (88%)
- Magenta (76%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.8730, 2.5276, -17.4286 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 50.8730, 2.5276, -17.4286 by changing the saturation by 10% instead.

■ 50.8730, 2.5276,
-17.4286

■ 50.8730, 2.5276,
-17.4286

■ 255.0000, 0.0000,
0.0000

■ 28.6880, 3.1118,
-18.1434

■ 97.5740, 2.6750,
-18.0434

■ 12.0480, 0.4693,
-10.5661

■ 123.1610, 2.3856,
-18.5582

■ 0.0000, 0.0000,
0.0000

■ 148.8620, 2.5330,
-19.1730

■ 175.5630, 2.6804,
-19.7878

■ 203.1500, 2.3911,
-20.3025

■ 231.1500, 2.3910,

-20.3026

■ 249.3190, 2.8007,
-11.6808

■ 50.8730, 2.5276,
-17.4286

■ 50.8730, 2.5276,
-17.4286

■ 48.9650, 2.9753,
-21.0173

■ 52.7810, 2.0800,
-13.8399

■ 47.0570, 3.4229,
-24.6060

■ 54.6890, 1.6323,
-10.2513

■ 45.2630, 4.3073,
-28.2947

■ 56.4830, 0.7479,
-6.5626

■ 43.3550, 4.7550,
-31.8833

■ 58.3910, 0.3002,
-2.9739

■ 41.4470, 5.2026,
-35.4720

■ 60.2990, -0.1474,
0.6148

■ 41.1480, 5.3500,
-36.0868

■ 62.2070, -0.5951,
4.2035

■ 64.1150, -1.0427,
7.7921

■ 66.0230, -1.4903,
11.3808

■ 67.8170, -2.3748,
15.0695

Harmonies

Analogous

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



51.9510, -2.4408, -10.4810



50.8730, 2.5276, -17.4286



51.0020, 6.9010, -20.1728

Triad

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



50.8730, 2.5276, -17.4286



55.8460, 6.9779, 1.8891



55.3020, -8.0369, 11.1361

Complementary

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



50.8730, 2.5276, -17.4286



40.1270, -2.5276, 17.4286

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.



55.7200, -5.2850, 15.1546



50.8730, 2.5276, -17.4286



56.2770, 3.3144, 10.2811

Square

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



50.8730, 2.5276, -17.4286



54.3610, 9.1890, -7.3326



56.1590, -1.0644, 14.7696



54.4430, -8.5994, 4.8735

Rectangle

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



50.8730, 2.5276, -17.4286



51.7680, 8.4954, -18.2135



56.1590, -1.0644, 14.7696



55.5410, -7.1687, 12.6805

Sweetspot

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



50.8730, 2.5276, -17.4286



75.1840, 0.8953, -7.1774



49.2190, -8.9820, -12.4701



38.4940, 0.7425, -4.8182



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



50.8730, 2.5276, -17.4286



64.5620, 4.1599, -27.6799



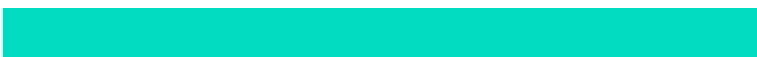
45.4590, 7.1687, -12.6805



29.9890, 0.0054, -1.7444



64.4120, 8.1779, -56.4893



152.0880, 19.1836, -133.3812

Inverse Universe

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



40.1270, -2.5276, 17.4286



47.5520, -3.7231, 27.5799



45.5410, -7.1687, 12.6805



28.8970, -0.4422, 1.8443



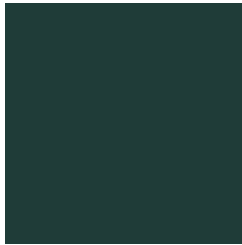
29.5880, -8.1779, 56.4893



69.9120, -19.1836, 133.3812

Previews

White Background



This preview shows how the YUV color 50.8730, 2.5276, -17.4286 looks on a white background.

Color Contrast Check

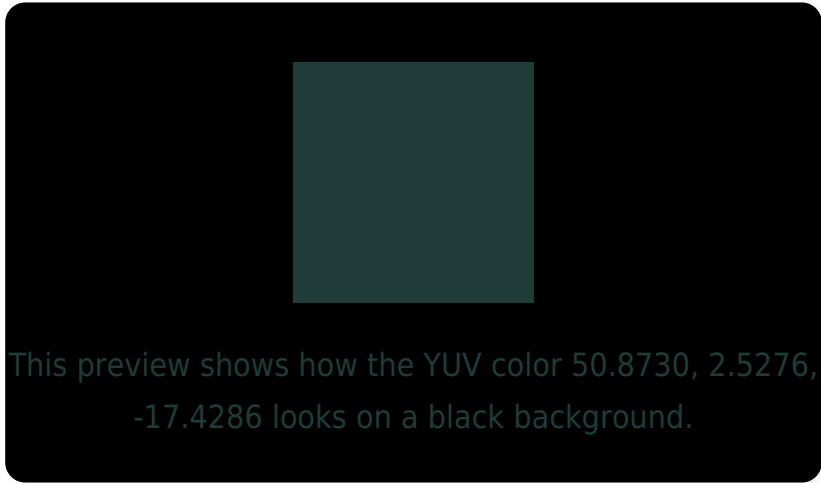
Large Text (above 18pt) WCAG AA ✓ Pass

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

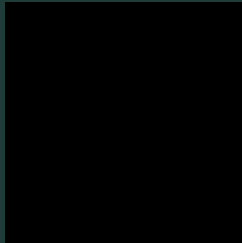
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.8730, 2.5276, -17.4286

Background



This preview shows how black text looks on a background with the YUV color 50.8730, 2.5276, -17.4286.



This preview shows how white text looks on a background with the YUV color 50.8730, 2.5276, -17.4286.

-17.4286.

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

50.8730, 2.5276, -17.4286

Protanopia

55.0710, -1.0210, 0.8147

Deuteranopia

55.2500, 0.8628, 3.2888



Tritanopia

51.7960, 6.0166, -16.4841

Trichromacy



Original Color

50.8730, 2.5276, -17.4286

Protanomaly

53.6680, 0.1637, -5.8478

Deuteranomaly

54.0210, 1.4686, -4.4034

Tritanomaly

51.1550, 4.8536, -16.7989

Monochromacy



Original Color

50.8730, 2.5276, -17.4286

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.8960, 1.0373, -6.0478

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.8730, 2.5276, -17.4286 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(31, 60, 56)` looks like.

```
.text, #text, p{  
    color:rgb(31, 60, 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(31, 60, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 60, 56) }
```

Border

The CSS property to change the border of an element to YUV 50.8730, 2.5276, -17.4286 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(31, 60, 56) }
```


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

```
.border{ border-color:rgb(31, 60, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 60, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 60, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 60, 56);  
box-shadow:4px 4px 4px 4px rgb(31, 60, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.8730, 2.5276, -17.4286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 60, 56) }
```

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

```
.background{ background-color: rgb(31, 60,  
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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