

Converting Colors

YUV(47.1760, -6.9888, 1.5996)

Have a look what the booklet for
YUV(47.1760, -6.9888, 1.5996)
contains.

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Color

**YUV(47.1760, -6.9888,
1.5996)**

Conversions

Conversions Part 1

Format	Color
Hex	313121
RGB	49, 49, 33
RGB Percent	19%, 19%, 13%
CMY	0.8078, 0.8078, 0.8706
CMYK	0.00, 0.00, 0.33, 0.81
HSL	60°, 20%, 16%
HSV	60°, 33%, 19%
XYZ	2.6394, 2.9594, 1.8710
YIQ	47.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

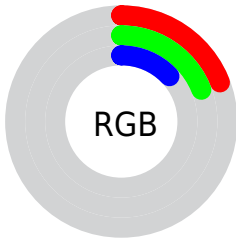
Format	Color
R_{YB}	33, 49, 33
Decimal	3223841
CIE Lab	19.88, -3.25, 10.25
CIE LCh	20, 10.755, 107.562
Yxy	2.9594, 0.3533, 0.3962
Android (android.graphics.Color)	4281413921 (0xFF313121)
YUV	47.1760, -6.9888, 1.5996
Hunter-Lab	17.2029, -2.7177, 5.5938

Details

The YUV color **47.1760, -6.9888, 1.5996** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34.8240, 6.9888, -1.5996**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.9480, -7.8624, 1.7996**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **46.6060, -9.1728, 2.0995**, and if you desaturate by 10%, it is **47.7460, -4.8048, 1.0998**.

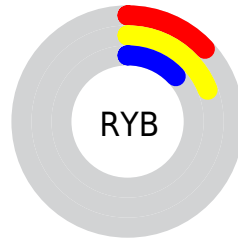
Distribution



Red (19%)

Green (19%)

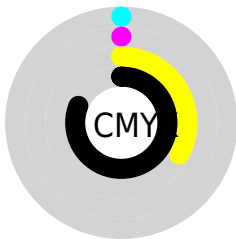
Blue (13%)



Red (13%)

Yellow (19%)

Blue (13%)

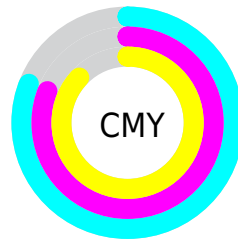


Cyan (0%)

Magenta (0%)

Yellow (33%)

Black (81%)



Cyan (81%)

Magenta (81%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.1760, -6.9888, 1.5996 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 47.1760, -6.9888, 1.5996 by changing the saturation by 10% instead.

■ 47.1760, -6.9888,
1.5996

■ 47.1760, -6.9888,
1.5996

■ 255.0000, 0.0000,
0.0000

■ 26.0620, -7.4256,
1.6996

■ 92.9480, -7.8624,
1.7996

■ 0.0000, 0.0000,
0.0000

■ 117.8340, -8.2992,
1.8996

■ 143.1330, -8.4466,
2.5144

■ 170.0190, -8.8834,
2.6143

■ 197.0190, -8.8834,
2.6143

■ 224.9050, -9.3202,

2.7143

■ 252.7200, -8.7360,
1.9996

■ 47.1760, -6.9888,
1.5996

■ 47.1760, -6.9888,
1.5996

■ 46.6060, -9.1728,
2.0995

■ 47.7460, -4.8048,
1.0998

■ 46.0360, -11.3567,
2.5994

■ 48.3160, -2.6208,
0.5999

■ 45.4660, -13.5407,
3.0993

■ 48.8860, -0.4368,
0.1000

■ 44.8960, -15.7247,
3.5992

■ 49.4560, 1.7472,
-0.3999

■ 44.4400, -17.4719,
3.9991

■ 50.0260, 3.9312,
-0.8998

■ 43.8700, -19.6559,
4.4990

■ 50.4820, 5.6784,
-1.2997

■ 43.4140, -21.4031,
4.8989

■ 51.0520, 7.8624,
-1.7996

■ 51.6220, 10.0464,
-2.2995

■ 52.1920, 12.2303,
-2.7994

Harmonies

Analogous

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



47.8070, -7.2999, 8.0623



47.1760, -6.9888, 1.5996



46.1150, -4.4937, -5.3629

Triad

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



47.1760, -6.9888, 1.5996



45.0240, 6.8902, -16.6840



49.7070, 1.1304, 10.7810

Complementary

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



47.1760, -6.9888, 1.5996



34.8240, 6.9888, -1.5996

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.



48.9990, 4.9305, 5.2629



47.1760, -6.9888, 1.5996



46.6980, 8.0369, -11.1361

Square

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



47.1760, -6.9888, 1.5996



43.9270, 3.9800, -16.5990



48.2260, 7.2836, -2.8292



48.8060, -2.3694, 13.3251

Rectangle

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



47.1760, -6.9888, 1.5996



45.4780, -1.7147, -10.0662



48.2260, 7.2836, -2.8292



49.3370, 2.2989, 9.3515

Sweetspot

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



47.1760, -6.9888, 1.5996



63.2020, -3.0576, 0.6998



37.7840, -2.3585, 9.8364



32.5440, -1.7472, 0.3999



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



47.1760, -6.9888, 1.5996



61.1500, -10.9199, 2.4995



44.7840, -5.8095, -3.3186



25.6580, -1.3104, 0.2999



78.8540, -38.8750, 8.8980



192.2620, -94.7852, 21.6952

Inverse Universe

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



34.8240, 6.9888, -1.5996



41.8500, 10.9200, -2.4994



37.2160, 5.8095, 3.3186



23.3420, 1.3104, -0.2999



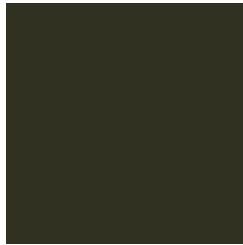
10.1460, 38.8750, -8.8980



24.7380, 94.7852, -21.6952

Previews

White Background



This preview shows how the YUV color 47.1760, -6.9888, 1.5996 looks on a white background.

Color Contrast Check

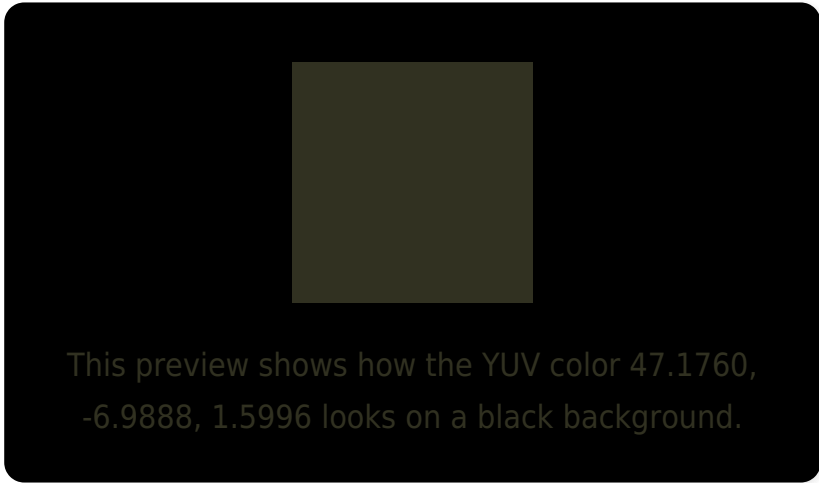
Large Text (above 18pt) WCAG AA ✓ Pass

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

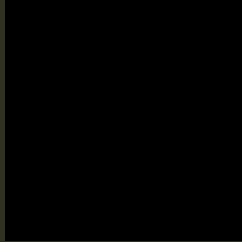
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

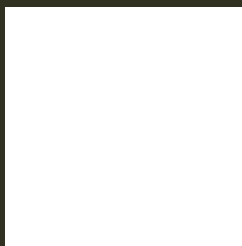
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 47.1760, -6.9888, 1.5996

Background



This preview shows how black text looks on a background with the YUV color 47.1760, -6.9888, 1.5996.



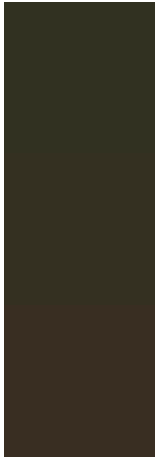
This preview shows how white text looks on a background with the YUV color 47.1760, -6.9888,

1.5996.

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

47.1760, -6.9888, 1.5996

Protanopia

47.4860, -7.1416, 3.9588

Deuteranopia

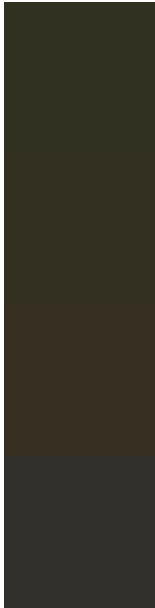
47.9210, -6.8631, 7.9623



Tritanopia

48.5380, 0.7208, 2.1592

Trichromacy



Original Color

47.1760, -6.9888, 1.5996

Protanomaly

47.1870, -6.9942, 3.3440

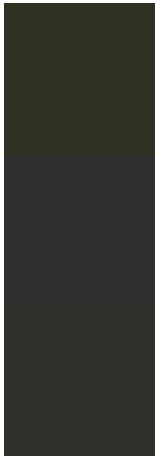
Deuteranomaly

47.6110, -6.7102, 5.6032

Tritanomaly

48.1420, -2.0420, 1.6295

Monochromacy



Original Color

47.1760, -6.9888, 1.5996

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.3160, -2.6208, 0.5999

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.1760, -6.9888, 1.5996 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(49, 49, 33)` looks like.

```
.text, #text, p{  
    color:rgb(49, 49, 33)  
}
```

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(49, 49, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 49, 33) }
```

Border

The CSS property to change the border of an element to YUV 47.1760, -6.9888, 1.5996 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(49, 49, 33) }
```


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

```
.border{ border-color:rgb(49, 49, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 49, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 49, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 49, 33);  
box-shadow:4px 4px 4px 4px rgb(49, 49, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.1760, -6.9888, 1.5996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 49, 33) }
```

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

```
.background{ background-color: rgb(49, 49,  
33) }
```

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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