

Converting Colors

YUV(47.6020, -13.1148, 6.4880)

Have a look what the booklet for
YUV(47.6020, -13.1148, 6.4880)
contains.

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Color

**YUV(47.6020, -13.1148,
6.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	373115
RGB	55, 49, 21
RGB Percent	22%, 19%, 8%
CMY	0.7843, 0.8078, 0.9176
CMYK	0.00, 0.11, 0.62, 0.78
HSL	49°, 45%, 15%
HSV	49°, 62%, 22%
XYZ	2.8092, 3.0630, 1.1526
YIQ	47.6020, 12.5640, -7.4360

Conversions

Conversions Part 2

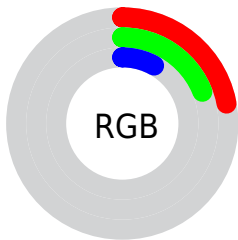
Format	Color
RYB	28, 55, 21
Decimal	3617045
CIELab	20.29, -1.85, 18.66
CIELCh	20, 18.754, 95.661
Yxy	3.0630, 0.3999, 0.4360
Android (android.graphics.Color)	4281807125 (0xFF373115)
YUV	47.6020, -13.1148, 6.4880
Hunter-Lab	17.5014, -1.9757, 8.3462

Details

The YUV color **47.6020, -13.1148, 6.4880** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **28.3980, 13.1148, -6.4880**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.8580, -14.7200, 8.0175**, and **1.1740, -0.5788, -1.0296** is the 20% darker color. If you saturate the color by 10%, you get **46.3310, -15.4462, 7.6027**, and if you desaturate by 10%, it is **48.7590, -11.2202, 5.4734**.

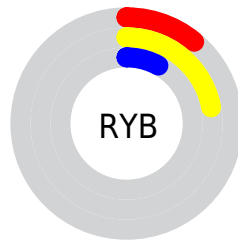
Distribution



Red (22%)

Green (19%)

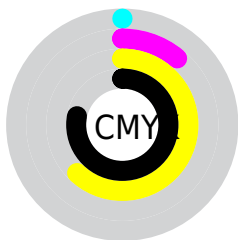
Blue (8%)



Red (11%)

Yellow (22%)

Blue (8%)

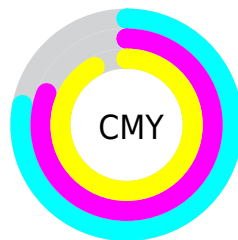


Cyan (0%)

Magenta (11%)

Yellow (62%)

Black (78%)



Cyan (78%)

Magenta (81%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.6020, -13.1148, 6.4880 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 47.6020, -13.1148, 6.4880 by changing the saturation by 10% instead.

47.6020, -13.1148,
6.4880

47.6020, -13.1148,
6.4880

254.2020, -3.0576,
0.6998

26.6020, -13.1148,
6.4880

93.8580, -14.7200,
8.0175

1.1740, -0.5788,
-1.0296

118.7440,
-15.1568, 8.1175

0.0000, 0.0000,
0.0000


144.3420,
-15.4516, 9.3471


171.1140,
-16.3252, 9.5470


198.2990,
-16.9094, 10.2618


226.2990,


-16.9094, 10.2618


 251.0100,
-15.2879, 3.4992


 47.6020, -13.1148,
6.4880


 47.6020, -13.1148,
6.4880


 46.3310, -15.4462,
7.6027


 48.7590, -11.2202,
5.4734


 45.1740, -17.3408,
8.6174


 50.0300, -8.8888,
4.3587

 43.9030, -19.6722,
9.7321

 51.1870, -6.9942,
3.3440

 42.8600, -21.1300,
10.6468

 52.4580, -4.6628,
2.2293

 53.7290, -2.3314,
1.1147

■ 54.8860, -0.4368,
0.1000

■ 56.1570, 1.8946,
-1.0147

■ 57.3140, 3.7892,
-2.0294

■ 58.5850, 6.1206,
-3.1440

Harmonies

Analogous

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



48.5970, -12.1263, 16.1394



47.6020, -13.1148, 6.4880



46.0350, -9.8773, -5.2927

Triad

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



47.6020, -13.1148, 6.4880



40.2820, 12.1860, -35.3273



50.7660, 5.0454, 15.1142

Complementary

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



47.6020, -13.1148, 6.4880



28.3980, 13.1148, -6.4880

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.



50.0680, 10.3195, 3.4484



47.6020, -13.1148, 6.4880



39.5470, 16.9853, -34.6827

Square

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



47.6020, -13.1148, 6.4880



38.6860, 6.0708, -33.9276



46.9950, 14.2995, -13.1506



50.0890, -1.5229, 21.8469

Rectangle

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



47.6020, -13.1148, 6.4880



44.7180, -5.7770, -13.7847



46.9950, 14.2995, -13.1506



50.6130, 7.0928, 11.7404

Sweetspot

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



47.6020, -13.1148, 6.4880



68.3440, -5.0996, 2.3293



31.8500, -2.3910, 20.3026



33.8000, -3.3524, 1.9294



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



47.6020, -13.1148, 6.4880



59.7890, -20.1090, 9.8320



47.8350, -13.2297, -3.3633



27.6580, -1.3104, 0.2999



72.1200, -35.5552, 17.4348



171.7280, -84.6619, 41.4575

Inverse Universe

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



28.3980, 13.1148, -6.4880



30.2110, 20.1090, -9.8320



28.1650, 13.2297, 3.3633



25.9290, 1.0210, -0.8147



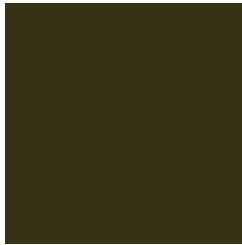
19.8800, 35.5552, -17.4348



47.8590, 84.3725, -41.9723

Previews

White Background



This preview shows how the YUV color 47.6020, -13.1148, 6.4880 looks on a white background.

Color Contrast Check

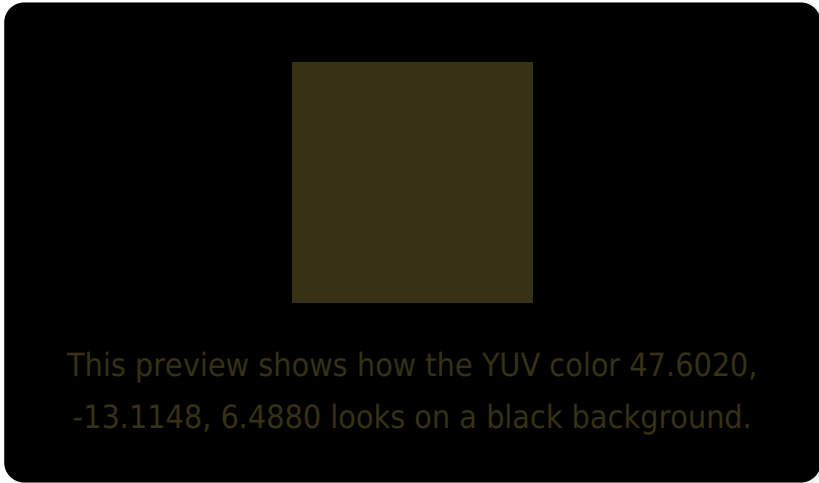
Large Text (above 18pt) WCAG AA ✓ Pass

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

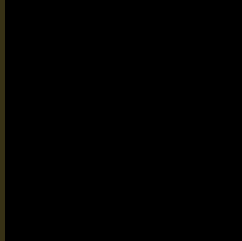
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.6020, -13.1148, 6.4880

Background



This preview shows how black text looks on a background with the YUV color 47.6020, -13.1148, 6.4880.

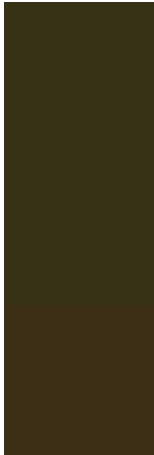


This preview shows how white text looks on a background with the YUV color 47.6020, -13.1148,

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

47.6020, -13.1148, 6.4880

Protanopia

47.6020, -13.1148, 6.4880

Deuteranopia

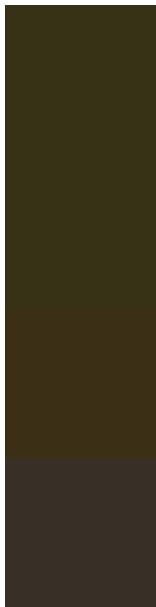
48.3360, -12.9836, 11.1063



Tritanopia

49.7450, 0.1257, 6.3626

Trichromacy



Original Color

47.6020, -13.1148, 6.4880

Protanomaly

47.6020, -13.1148, 6.4880

Deuteranomaly

48.3250, -12.9782, 9.3620

Tritanomaly

48.7790, -4.8210, 6.3328

Monochromacy



Original Color

47.6020, -13.1148, 6.4880

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.7570, -4.8102, 2.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.6020, -13.1148, 6.4880 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(55, 49, 21)` looks like.

```
.text, #text, p{  
    color:rgb(55, 49, 21)  
}
```

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(55, 49, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 49, 21) }
```

Border

The CSS property to change the border of an element to YUV 47.6020, -13.1148, 6.4880 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(55, 49, 21) }
```


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

```
.border{ border-color:rgb(55, 49, 21) }
```

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

Here you see how a box with a 4 pixel rgb(55, 49, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 49, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 49, 21);  
box-shadow:4px 4px 4px 4px rgb(55, 49, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.6020, -13.1148, 6.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 49, 21) }
```

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

```
.background{ background-color: rgb(55, 49,  
21) }
```

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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