

Converting Colors

YUV(48.9620, -15.7573,
14.0653)

Have a look what the booklet for
YUV(48.9620, -15.7573, 14.0653)
contains.

YUV(48.9620, -15.7573, 14.0653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(48.9620, -15.7573,
14.0653)**

Conversions

Conversions Part 1

Format	Color
Hex	412F11
RGB	65, 47, 17
RGB Percent	25%, 18%, 7%
CMY	0.7451, 0.8157, 0.9333
CMYK	0.00, 0.28, 0.74, 0.75
HSL	38°, 59%, 16%
HSV	38°, 74%, 25%
XYZ	3.2977, 3.1973, 0.9737
YIQ	48.9620, 20.3580, -5.5140

Conversions

Conversions Part 2

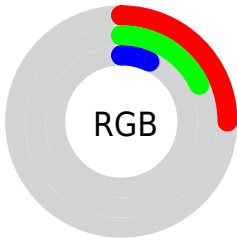
Format	Color
R_{YB}	46, 65, 17
Decimal	4271889
CIE Lab	20.82, 4.38, 21.97
CIE LCh	21, 22.399, 78.720
Yxy	3.1973, 0.4415, 0.4281
Android (android.graphics.Color)	4282461969 (0xFF412F11)
YUV	48.9620, -15.7573, 14.0653
Hunter-Lab	17.8810, 1.6276, 9.2883

Details

The YUV color **48.9620, -15.7573, 14.0653** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **33.0380, 15.7573, -14.0653**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.8160, -17.6573, 16.8244**, and **4.4850, -2.2111, 9.2217** is the 20% darker color. If you saturate the color by 10%, you get **46.9900, -18.2361, 15.7948**, and if you desaturate by 10%, it is **50.8200, -13.7153, 12.4359**.

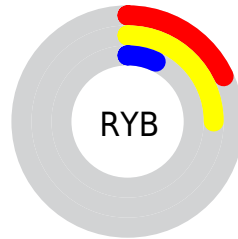
Distribution



 Red (25%)

 Green (18%)

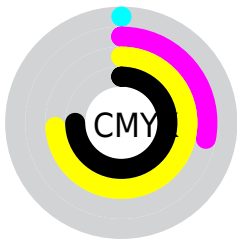
 Blue (7%)



 Red (18%)

 Yellow (25%)

 Blue (7%)

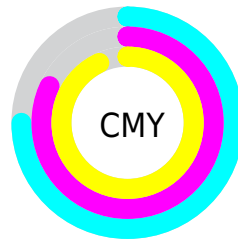


 Cyan (0%)

 Magenta (28%)

 Yellow (74%)

 Black (75%)



 Cyan (75%)

 Magenta (82%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.9620, -15.7573, 14.0653 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 48.9620, -15.7573, 14.0653 by changing the saturation by 10% instead.

■ 48.9620, -15.7573,
14.0653

■ 48.9620, -15.7573,
14.0653

■ 253.6320, -5.2416,
1.1997

■ 27.8200, -13.7153,
12.4359

■ 95.8160, -17.6573,
16.8244

■ 4.4850, -2.2111,
9.2217

■ 120.4140,
-17.9521, 18.0539

■ 0.0000, 0.0000,
0.0000

■ 146.4850,
-18.9731, 18.8687

■ 173.0830,
-19.2679, 20.0982

■ 200.8550,
-20.1415, 20.2982

■ 228.4530,

-20.4363, 21.5277

■ 249.2660,
-16.8931, 5.0287

■ 48.9620, -15.7573,
14.0653

■ 48.9620, -15.7573,
14.0653

■ 46.9900, -18.2361,
15.7948

■ 50.8200, -13.7153,
12.4359

■ 44.5450, -19.9887,
17.9390

■ 53.3790, -11.5258,
10.1916

■ 43.5020, -21.4465,
18.8537

■ 55.3510, -9.0470,
8.4622

■ 57.7960, -7.2944,
6.3179

■ 59.6540, -5.2524,
4.6884

■ 62.2130, -3.0630,
2.4442

■ 64.0710, -1.0210,
0.8147

■ 66.0430, 1.4578,
-0.9147

■ 68.4880, 3.2104,
-3.0590

Harmonies

Analogous

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



49.7550, -11.7112, 23.0169



48.9620, -15.7573, 14.0653



47.4120, -14.9931, 2.2697

Triad

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



48.9620, -15.7573, 14.0653



40.8860, 9.4232, -35.8570



51.9980, 9.8610, 10.5258

Complementary

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



48.9620, -15.7573, 14.0653



33.0380, 15.7573, -14.0653

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.



49.6690, 15.4462, -7.6027



48.9620, -15.7573, 14.0653



41.8950, 15.8278, -36.7419

Square

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



48.9620, -15.7573, 14.0653



38.9480, 1.9976, -34.1574



41.0460, 20.1903, -35.9973



51.2400, 2.8397, 22.5915

Rectangle

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



48.9620, -15.7573, 14.0653



45.9700, -11.3242, -7.8667



41.0460, 20.1903, -35.9973



51.8340, 11.9138, 5.4076

Sweetspot

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



48.9620, -15.7573, 14.0653



77.8390, -5.8366, 5.4032



33.4040, 0.7868, 27.7097



39.3980, -3.6472, 3.1590



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



48.9620, -15.7573, 14.0653



59.0140, -24.6569, 21.9127



57.7340, -20.0819, 1.1103



32.0710, -1.0210, 0.8147



64.8100, -31.9513, 28.2306



149.1560, -73.5339, 65.6382

Inverse Universe

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



33.0380, 15.7573, -14.0653



33.9860, 24.6569, -21.9127



24.2660, 20.0819, -1.1103



30.9290, 1.0210, -0.8147



32.1900, 31.9513, -28.2306



74.8440, 73.5339, -65.6382

Previews

White Background



This preview shows how the YUV color 48.9620, -15.7573, 14.0653 looks on a white background.

Color Contrast Check

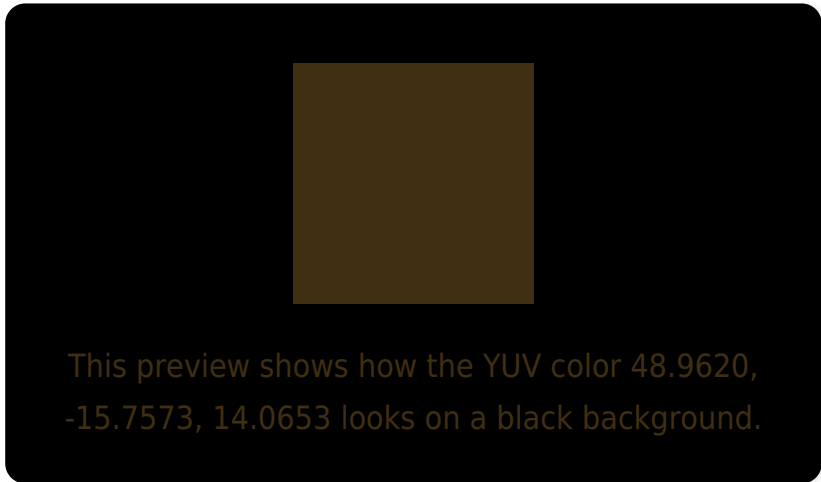
Large Text (above 18pt) WCAG AA ✓ Pass

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

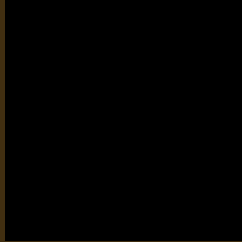
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.9620, -15.7573, 14.0653

Background



This preview shows how black text looks on a background with the YUV color 48.9620, -15.7573, 14.0653.

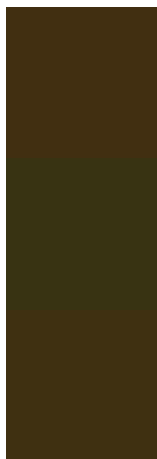


This preview shows how white text looks on a background with the YUV color 48.9620, -15.7573,

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

48.9620, -15.7573, 14.0653

Protanopia

48.7330, -15.1514, 6.3732

Deuteranopia

48.9510, -15.7518, 12.3210



Tritanopia

51.2190, -2.0800, 13.8399

Trichromacy



Original Color

48.9620, -15.7573, 14.0653

Protanomaly

49.0430, -15.3042, 8.7323

Deuteranomaly

49.2500, -15.8993, 12.9358

Tritanomaly

50.2530, -7.0267, 13.8101

Monochromacy



Original Color

48.9620, -15.7573, 14.0653

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8390, -5.8366, 5.4032

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.9620, -15.7573, 14.0653 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(65, 47, 17)` looks like.

```
.text, #text, p{  
    color:rgb(65, 47, 17)  
}
```

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(65, 47, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 47, 17) }
```

Border

The CSS property to change the border of an element to YUV 48.9620, -15.7573, 14.0653 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(65, 47, 17) }
```


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

```
.border{ border-color:rgb(65, 47, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 47, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 47, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 47, 17);  
box-shadow:4px 4px 4px 4px rgb(65, 47, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.9620, -15.7573, 14.0653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 47, 17) }
```

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

```
.background{ background-color: rgb(65, 47,  
17) }
```

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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