

Converting Colors

YUV(41.7630, -13.6872,
50.1968)

Have a look what the booklet for
YUV(41.7630, -13.6872, 50.1968)
contains.

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Color

**YUV(41.7630, -13.6872,
50.1968)**

Conversions

Conversions Part 1

Format	Color
Hex	63120E
RGB	99, 18, 14
RGB Percent	39%, 7%, 5%
CMY	0.6118, 0.9294, 0.9451
CMYK	0.00, 0.82, 0.86, 0.61
HSL	3°, 75%, 22%
HSV	3°, 86%, 39%
XYZ	5.4412, 3.1170, 0.7303
YIQ	41.7630, 49.5600, 15.9280

Conversions

Conversions Part 2

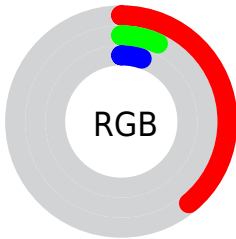
Format	Color
R_{YB}	99, 18, 14
Decimal	6492686
CIE _{Lab}	20.51, 35.35, 24.91
CIE _{LCh}	21, 43.243, 35.173
Yxy	3.1170, 0.5858, 0.3356
Android (android.graphics.Color)	4284682766 (0xFF63120E)
YUV	41.7630, -13.6872, 50.1968
Hunter-Lab	17.6549, 24.1167, 9.9059

Details

The YUV color **41.7630, -13.6872, 50.1968** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **71.2370, 13.6872, -50.1968**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.6450, -18.0660, 54.6853**, and **14.1670, -6.4913, 28.7945** is the 20% darker color. If you saturate the color by 10%, you get **35.3400, -15.4506, 55.8298**, and if you desaturate by 10%, it is **48.1860, -11.9237, 44.5639**.

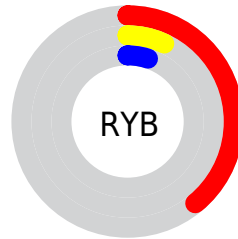
Distribution



Red (39%)

Green (7%)

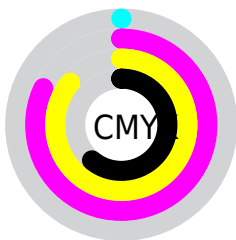
Blue (5%)



Red (39%)

Yellow (7%)

Blue (5%)

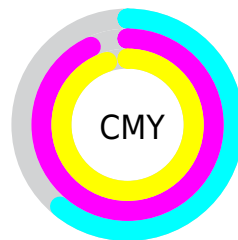


Cyan (0%)

Magenta (82%)

Yellow (86%)

Black (61%)



Cyan (61%)


Magenta (93%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 41.7630, -13.6872, 50.1968 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 41.7630, -13.6872, 50.1968 by changing the saturation by 10% instead.


 41.7630, -13.6872,
50.1968


 41.7630, -13.6872,
50.1968

 253.0620, -7.4256,
1.6996

 21.5280, -10.6133,
44.2639


 93.6450, -18.0660,
54.6853


 14.1670, -6.4913,
28.7945

 119.6130,
-19.5292, 57.3444

 0.0000, 0.0000,
0.0000


 146.2820,
-20.8450, 59.3887


 173.3640,
-21.8715, 61.9478


 195.4660,
-19.9497, 52.2113


 214.9800,


-16.2591, 35.0975


 234.6080,
-12.1317, 17.8838


 41.7630, -13.6872,
50.1968


 41.7630, -13.6872,
50.1968


 35.3400, -15.4506,
55.8298


 48.1860, -11.9237,
44.5639

 32.5360, -16.0402,
58.2889

 55.1960, -10.4496,
38.4161

 61.6190, -8.6862,
32.7831

 68.6290, -7.2121,
26.6354

 75.0520, -5.4486,
21.0024

■ 81.9480, -4.4114,
14.9546

■ 88.3710, -2.6479,
9.3216

■ 94.7940, -0.8844,
3.6887

■ 101.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



36.5140, 4.1836, 58.3082



41.7630, -13.6872, 50.1968



46.2370, -22.7948, 31.3642

Triad

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



41.7630, -13.6872, 50.1968



38.2010, -8.4801, -33.5023



43.5200, 34.7466, -38.1670

Complementary

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



41.7630, -13.6872, 50.1968



71.2370, 13.6872, -50.1968

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.



47.4180, 29.3739, -41.5856



41.7630, -13.6872, 50.1968



43.1370, 5.3555, -37.8311

Square

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



41.7630, -13.6872, 50.1968



40.6350, -20.0331, -14.5889



46.1980, 19.6224, -40.5156



50.0800, 25.5966, 3.4378

Rectangle

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



41.7630, -13.6872, 50.1968



46.7360, -23.0408, 16.8945



46.1980, 19.6224, -40.5156



45.1670, 33.4417, -39.6115

Sweetspot

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



41.7630, -13.6872, 50.1968



105.3400, -5.5906, 19.8728



48.7630, 23.2878, 44.0578



50.5670, -3.2375, 11.7807



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



41.7630, -13.6872, 50.1968



41.7940, -20.6044, 75.6027



65.8300, -25.5522, 29.0901



45.1960, -0.5896, 2.4591



36.4230, -17.9565, 66.2810



78.2170, -38.5610, 141.8837

Inverse Universe

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



71.2370, 13.6872, -50.1968



86.2060, 20.6044, -75.6027



47.1700, 25.5522, -29.0901



46.8040, 0.5896, -2.4591



75.5770, 17.9565, -66.2810



161.1960, 38.8504, -141.3689

Previews

White Background



This preview shows how the YUV color 41.7630, -13.6872, 50.1968 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

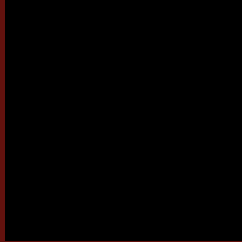
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.7630, -13.6872, 50.1968

Background



This preview shows how black text looks on a background with the YUV color 41.7630, -13.6872, 50.1968.

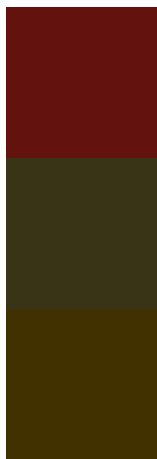


This preview shows how white text looks on a background with the YUV color 41.7630, -13.6872,

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

41.7630, -13.6872, 50.1968

Protanopia

50.3740, -13.9884, 6.6880

Deuteranopia

48.1980, -23.7616, 14.7354



Tritanopia

42.1050, -12.3768, 49.8969

Trichromacy



Original Color

41.7630, -13.6872, 50.1968

Protanomaly

47.4730, -14.0372, 22.3872

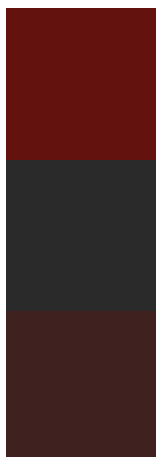
Deuteranomaly

45.8990, -20.1632, 27.2756

Tritanomaly

41.9910, -12.8136, 49.9969

Monochromacy



Original Color

41.7630, -13.6872, 50.1968

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.8560, -4.8590, 18.5433

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.7630, -13.6872, 50.1968 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(99, 18, 14)` looks like.

```
.text, #text, p{  
    color:rgb(99, 18, 14)  
}
```

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(99, 18, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 18, 14) }
```

Border

The CSS property to change the border of an element to YUV 41.7630, -13.6872, 50.1968 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(99, 18, 14) }
```


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

```
.border{ border-color:rgb(99, 18, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 18, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 18, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 18, 14);  
box-shadow:4px 4px 4px 4px rgb(99, 18, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.7630, -13.6872, 50.1968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 18, 14) }
```

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

```
.background{ background-color: rgb(99, 18,  
14) }
```

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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