

Converting Colors

YUV(62.8610, -15.7075,
44.8489)

Have a look what the booklet for
YUV(62.8610, -15.7075, 44.8489)
contains.

YUV(62.8610, -15.7075, 44.8489)	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(62.8610, -15.7075,
44.8489)**

Conversions

Conversions Part 1

Format	Color
Hex	722B1F
RGB	114, 43, 31
RGB Percent	45%, 17%, 12%
CMY	0.5529, 0.8314, 0.8784
CMYK	0.00, 0.62, 0.73, 0.55
HSL	9°, 57%, 28%
HSV	9°, 73%, 45%
XYZ	8.0506, 5.4041, 1.9151
YIQ	62.8610, 46.1680, 11.3200

Conversions

Conversions Part 2

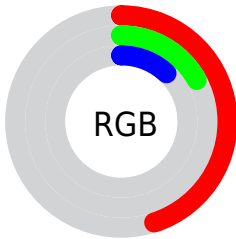
Format	Color
R_{YB}	114, 45, 31
Decimal	7482143
CIE _{Lab}	27.86, 30.55, 23.60
CIE _{LCh}	28, 38.604, 37.690
Yxy	5.4041, 0.5238, 0.3516
Android (android.graphics.Color)	4285672223 (0xFF722B1F)
YUV	62.8610, -15.7075, 44.8489
Hunter-Lab	23.2467, 21.1351, 11.3883

Details

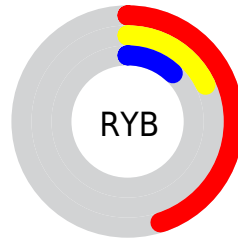
The YUV color **62.8610, -15.7075, 44.8489** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **82.1390, 15.7075, -44.8489**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.3840, -18.9233, 49.6522**, and **17.9400, -8.8444, 36.8866** is the 20% darker color. If you saturate the color by 10%, you get **55.7370, -17.6183, 51.0967**, and if you desaturate by 10%, it is **69.9850, -13.7966, 38.6012**.

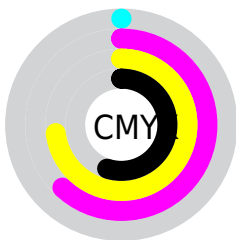
Distribution



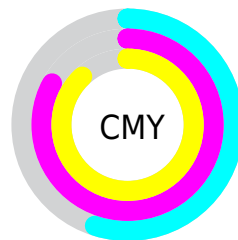
- Red (45%)
- Green (17%)
- Blue (12%)



- Red (45%)
- Yellow (18%)
- Blue (12%)



- Cyan (0%)
- Magenta (62%)
- Yellow (73%)
- Black (55%)



- Cyan (55%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8610, -15.7075, 44.8489 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 62.8610, -15.7075, 44.8489 by changing the saturation by 10% instead.

■ 62.8610, -15.7075,
44.8489

■ 62.8610, -15.7075,
44.8489

255.0000, 0.0000,
0.0000

■ 38.0780, -14.8285,
42.9046

■ 113.3840,
-18.9233, 49.6522

■ 17.9400, -8.8444,
36.8866

■ 139.4660,
-19.9497, 52.2113

■ 10.5790, -4.7224,
21.4172

■ 166.5480,
-20.9762, 54.7704

■ 0.0000, 0.0000,
0.0000

■ 193.1350,
-21.2656, 54.2556

■ 212.6490,
-17.5750, 37.1418

■ 232.2770,

-13.4476, 19.9281

252.4920, -9.6096,
2.1995

62.8610, -15.7075,
44.8489

62.8610, -15.7075,
44.8489

55.7370, -17.6183,
51.0967

69.9850, -13.7966,
38.6012

48.4990, -19.9660,
57.4444

77.2230, -11.4489,
32.2534

43.4780, -21.4347,
61.8478

83.7600, -9.2487,
26.5205

90.9980, -6.9010,
20.1728

98.1220, -4.9901,
13.9250

■ 105.2460, -3.0793,
7.6773

■ 111.8970, -0.4422,
1.8443

■ 119.0210, 1.4686,
-4.4034

■ 126.2590, 3.8163,
-10.7511

Harmonies

Analogous

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



62.5530, -1.7516, 48.6270



62.8610, -15.7075, 44.8489



62.7440, -28.4678, 30.9195

Triad

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



62.8610, -15.7075, 44.8489



50.5740, -4.2270, -44.3534



53.5790, 35.2106, -46.9888

Complementary

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



62.8610, -15.7075, 44.8489



82.1390, 15.7075, -44.8489

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.



57.8190, 31.1482, -50.7073



62.8610, -15.7075, 44.8489



54.6950, 9.0244, -47.9675

Square

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



62.8610, -15.7075, 44.8489



57.1790, -21.7802, -14.1890



57.8870, 21.2547, -50.7669



67.3040, 22.5281, 7.6264

Rectangle

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



62.8610, -15.7075, 44.8489



62.0860, -30.6084, 17.4646



57.8870, 21.2547, -50.7669



55.3400, 34.3424, -48.5332

Sweetspot

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



62.8610, -15.7075, 44.8489



127.8020, -6.3114, 17.7136



64.0250, 19.2147, 43.8281



62.4420, -3.6689, 10.1364



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



62.8610, -15.7075, 44.8489



68.7240, -24.5139, 69.5251



86.9280, -27.5725, 23.7421



52.3810, -1.1738, 3.1739



45.8590, -22.6085, 65.0217



94.9850, -46.8276, 133.3172

Inverse Universe

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



82.1390, 15.7075, -44.8489



98.2760, 24.5139, -69.5251



58.0720, 27.5725, -23.7421



53.6190, 1.1738, -3.1739



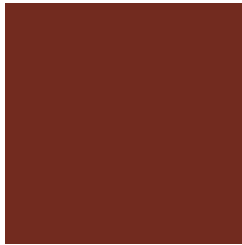
74.1410, 22.6085, -65.0217



152.6020, 46.5382, -133.8320

Previews

White Background



This preview shows how the YUV color 62.8610, -15.7075, 44.8489 looks on a white background.

Color Contrast Check

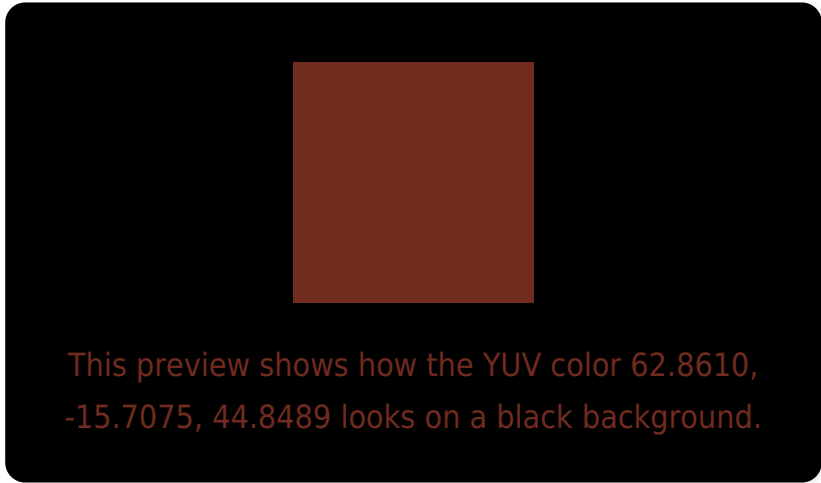
Large Text (above 18pt) WCAG AA ✓ Pass

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

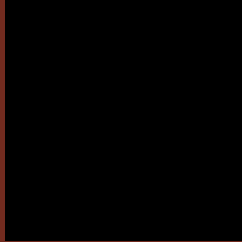
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8610, -15.7075, 44.8489

Background



This preview shows how black text looks on a background with the YUV color 62.8610, -15.7075, 44.8489.

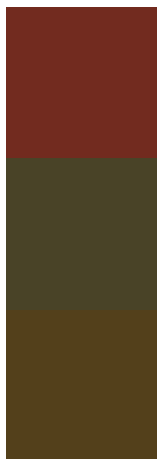


This preview shows how white text looks on a background with the YUV color 62.8610, -15.7075,

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

62.8610, -15.7075, 44.8489

Protanopia

65.6020, -13.1148, 6.4880

Deuteranopia

65.4630, -18.9623, 15.3799



Tritanopia

63.4680, -9.5977, 45.1936

Trichromacy



Original Color

62.8610, -15.7075, 44.8489

Protanomaly

64.4620, -14.0318, 20.6428

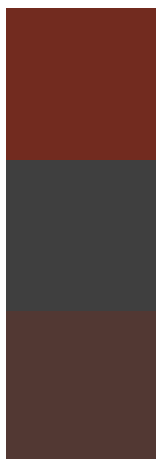
Deuteranomaly

64.1700, -17.8318, 26.1609

Tritanomaly

63.4850, -12.0711, 45.1787

Monochromacy



Original Color

62.8610, -15.7075, 44.8489

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2040, -6.0166, 16.4841

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8610, -15.7075, 44.8489 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(114, 43, 31)` looks like.

```
.text, #text, p{  
    color:rgb(114, 43, 31)  
}
```

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(114, 43, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 43, 31) }
```

Border

The CSS property to change the border of an element to YUV 62.8610, -15.7075, 44.8489 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(114, 43, 31) }
```


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

```
.border{ border-color:rgb(114, 43, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 43, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 43, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 43, 31);  
box-shadow:4px 4px 4px 4px rgb(114, 43,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 62.8610, -15.7075, 44.8489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 43, 31) }
```

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

```
.background{ background-color: rgb(114, 43,  
31) }
```

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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