

Converting Colors

YUV(55.8860, -13.7478,
22.9020)

Have a look what the booklet for
YUV(55.8860, -13.7478, 22.9020)
contains.

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Color

**YUV(55.8860, -13.7478,
22.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	52301C
RGB	82, 48, 28
RGB Percent	32%, 19%, 11%
CMY	0.6784, 0.8118, 0.8902
CMYK	0.00, 0.41, 0.66, 0.68
HSL	22°, 49%, 22%
HSV	22°, 66%, 32%
XYZ	4.7462, 3.9916, 1.6189
YIQ	55.8860, 26.6840, 0.9880

Conversions

Conversions Part 2

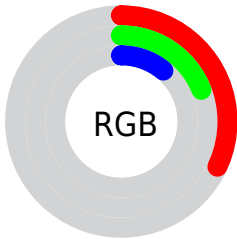
Format	Color
RYB	82, 60, 28
Decimal	5386268
CIELab	23.64, 13.24, 19.17
CIELCh	24, 23.302, 55.361
Yxy	3.9916, 0.4583, 0.3854
Android (android.graphics.Color)	4283576348 (0xFF52301C)
YUV	55.8860, -13.7478, 22.9020
Hunter-Lab	19.9789, 7.4416, 9.1810

Details

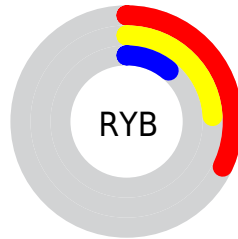
The YUV color **55.8860, -13.7478, 22.9020** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **54.1140, 13.7478, -22.9020**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.4520, -15.5058, 26.7906**, and **11.6390, -5.7380, 20.4876** is the 20% darker color. If you saturate the color by 10%, you get **52.0390, -15.7952, 26.2758**, and if you desaturate by 10%, it is **59.7330, -11.7004, 19.5282**.

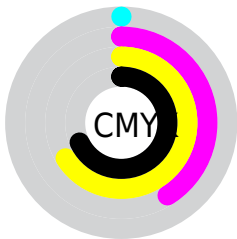
Distribution



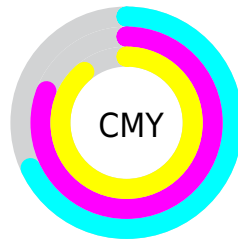
- Red (32%)
- Green (19%)
- Blue (11%)



- Red (32%)
- Yellow (24%)
- Blue (11%)



- Cyan (0%)
- Magenta (41%)
- Yellow (66%)
- Black (68%)



- Cyan (68%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.8860, -13.7478, 22.9020 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 55.8860, -13.7478, 22.9020 by changing the saturation by 10% instead.

■ 55.8860, -13.7478,
22.9020

■ 55.8860, -13.7478,
22.9020

■ 255.0000, 0.0000,
0.0000

■ 33.5330, -15.0528,
21.4576

■ 103.4520,
-15.5058, 26.7906

■ 11.6390, -5.7380,
20.4876

■ 128.9360,
-16.2374, 28.1201

■ 0.0000, 0.0000,
0.0000

■ 155.4200,
-16.9691, 29.4497

■ 182.0180,
-17.2639, 30.6792

■ 210.0890,
-18.2849, 31.4939

■ 232.4080,

-15.4841, 19.8132

■ 252.0360,
-11.3567, 2.5994

■ 55.8860, -13.7478,
22.9020

■ 55.8860, -13.7478,
22.9020

■ 52.0390, -15.7952,
26.2758

■ 59.7330, -11.7004,
19.5282

■ 48.1920, -17.8427,
29.6496

■ 63.5800, -9.6529,
16.1543

■ 44.2310, -20.3269,
33.1234

■ 67.5410, -7.1687,
12.6805

■ 42.1280, -20.7691,
34.9677

■ 71.9750, -5.4107,
8.7919

■ 75.8220, -3.3632,
5.4181

■ 79.6690, -1.3158,
2.0443

■ 83.5160, 0.7316,
-1.3295

■ 87.4770, 3.2158,
-4.8033

■ 91.3240, 5.2633,
-8.1771

Harmonies

Analogous

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



56.6400, -7.2175, 28.3797



55.8860, -13.7478, 22.9020



54.7230, -16.6254, 12.5209

Triad

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



55.8860, -13.7478, 22.9020



44.1970, 4.3399, -38.7608



56.9900, 15.2879, -3.4992

Complementary

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



55.8860, -13.7478, 22.9020



54.1140, 13.7478, -22.9020

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.



50.0900, 20.1686, -29.0199



55.8860, -13.7478, 22.9020



46.2490, 12.2022, -40.5604

Square

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



55.8860, -13.7478, 22.9020



50.0550, -6.9291, -17.5882



46.6710, 18.8962, -40.9305



58.0910, 8.8291, 14.8292

Rectangle

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



55.8860, -13.7478, 22.9020



53.7820, -16.1615, 3.6992



46.6710, 18.8962, -40.9305



55.4020, 17.0568, -10.8766

Sweetspot

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



55.8860, -13.7478, 22.9020



96.9750, -5.4107, 8.7919



48.0220, 6.8912, 29.7987



47.2350, -3.0739, 5.9329



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



55.8860, -13.7478, 22.9020



66.1990, -21.7901, 35.7825



71.7350, -21.5614, 9.0024



38.7830, -0.8790, 1.9443



54.2880, -26.7640, 44.4744



119.8500, -59.0860, 98.3556

Inverse Universe

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



54.1140, 13.7478, -22.9020



63.3880, 21.5007, -36.2973



38.2650, 21.5614, -9.0024



38.6300, 1.1684, -1.4295



50.7120, 26.7640, -44.4744



112.1500, 59.0860, -98.3556

Previews

White Background



This preview shows how the YUV color 55.8860, -13.7478, 22.9020 looks on a white background.

Color Contrast Check

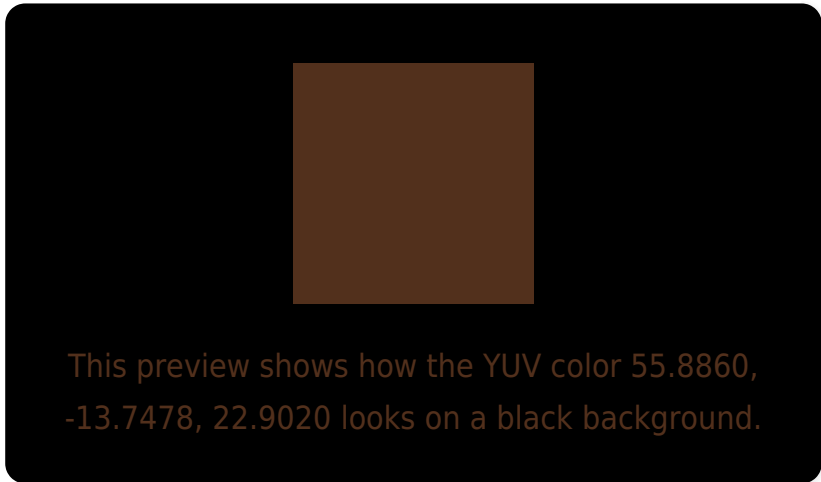
Large Text (above 18pt) WCAG AA ✓ Pass

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

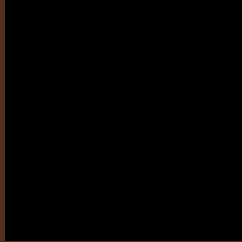
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.8860, -13.7478, 22.9020

Background



This preview shows how black text looks on a background with the YUV color 55.8860, -13.7478, 22.9020.

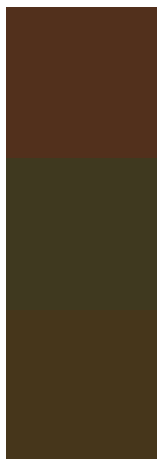


This preview shows how white text looks on a background with the YUV color 55.8860, -13.7478,

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

55.8860, -13.7478, 22.9020

Protanopia

55.8300, -12.2412, 6.2881

Deuteranopia

55.7060, -14.1521, 12.5358



Tritanopia

57.4050, -4.1437, 22.4468

Trichromacy



Original Color

55.8860, -13.7478, 22.9020

Protanomaly

56.0480, -12.8417, 12.2359

Deuteranomaly

55.7280, -14.1629, 16.0245

Tritanomaly

57.0800, -7.9274, 22.7318

Monochromacy



Original Color

55.8860, -13.7478, 22.9020

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.7900, -4.8265, 8.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.8860, -13.7478, 22.9020 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(82, 48, 28)` looks like.

```
.text, #text, p{  
    color:rgb(82, 48, 28)  
}
```

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(82, 48, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 48, 28) }
```

Border

The CSS property to change the border of an element to YUV 55.8860, -13.7478, 22.9020 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(82, 48, 28) }
```


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

```
.border{ border-color:rgb(82, 48, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 48, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 48, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 48, 28);  
box-shadow:4px 4px 4px 4px rgb(82, 48, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.8860, -13.7478, 22.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 48, 28) }
```

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

```
.background{ background-color: rgb(82, 48,  
28) }
```

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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