

Converting Colors

YUV(41.1200, -15.3422,
20.9428)

Have a look what the booklet for
YUV(41.1200, -15.3422, 20.9428)
contains.

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Color

**YUV(41.1200, -15.3422,
20.9428)**

Conversions

Conversions Part 1

Format	Color
Hex	41230A
RGB	65, 35, 10
RGB Percent	25%, 14%, 4%
CMY	0.7451, 0.8627, 0.9608
CMYK	0.00, 0.46, 0.85, 0.75
HSL	27°, 73%, 15%
HSV	27°, 85%, 25%
XYZ	2.8358, 2.3478, 0.5909
YIQ	41.1200, 25.9050, -1.4150

Conversions

Conversions Part 2

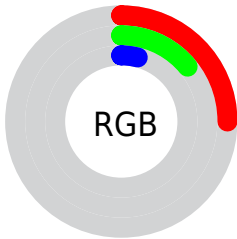
Format	Color
RYB	65, 56, 10
Decimal	4268810
CIELab	17.22, 11.91, 21.23
CIElCh	17, 24.341, 60.717
Yxy	2.3478, 0.4911, 0.4066
Android (android.graphics.Color)	4282458890 (0xFF41230A)
YUV	41.1200, -15.3422, 20.9428
Hunter-Lab	15.3225, 6.2212, 8.4394

Details

The YUV color **41.1200, -15.3422, 20.9428** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33.8800, 15.3422, -20.9428**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.8000, -16.6634, 24.7314**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.0880, -16.8054, 23.6018**, and if you desaturate by 10%, it is **44.1520, -13.8789, 18.2837**.

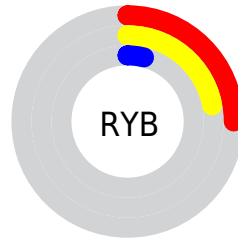
Distribution



 Red (25%)

 Green (14%)

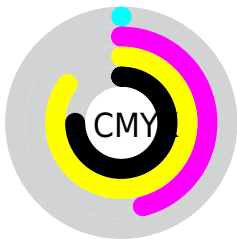
 Blue (4%)



 Red (25%)

 Yellow (22%)

 Blue (4%)

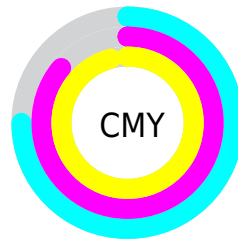


 Cyan (0%)

 Magenta (46%)

 Yellow (85%)

 Black (75%)



 Cyan (75%)

 Magenta (86%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.1200, -15.3422, 20.9428 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 41.1200, -15.3422, 20.9428 by changing the saturation by 10% instead.

■ 41.1200, -15.3422,
20.9428

■ 41.1200, -15.3422,
20.9428

■ 252.7200, -8.7360,
1.9996

■ 21.0640, -10.3846,
17.4839

■ 87.8000, -16.6634,
24.7314

■ 0.0000, 0.0000,
0.0000

■ 112.2840,
-17.3950, 26.0609


■ 138.0670,
-18.2740, 28.0052


■ 164.5510,
-19.0056, 29.3348


■ 191.7360,
-19.5898, 30.0495


■ 219.3340,


-19.8847, 31.2791


 239.5490,
-16.0467, 13.5505


 41.1200, -15.3422,
20.9428


 41.1200, -15.3422,
20.9428

 38.0880, -16.8054,
23.6018


 44.1520, -13.8789,
18.2837

 37.0450, -18.2632,
24.5165

 46.7110, -11.6895,
16.0395

 49.8570, -9.7895,
13.2804

 52.3020, -8.0369,
11.1361

 55.4480, -6.1369,
8.3771

■ 57.8930, -4.3842,
6.2328

■ 61.0390, -2.4842,
3.4738

■ 63.4840, -0.7316,
1.3295

■ 66.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



41.8140, -7.7963, 27.3501



41.1200, -15.3422, 20.9428



40.3160, -19.3828, 10.2469

Triad

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



41.1200, -15.3422, 20.9428



34.7250, 3.5866, -30.4538



43.3710, 14.1141, -0.3254

Complementary

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



41.1200, -15.3422, 20.9428



33.8800, 15.3422, -20.9428

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.



34.6060, 20.9002, -30.3495



41.1200, -15.3422, 20.9428



36.1900, 11.7383, -31.7386

Square

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



41.1200, -15.3422, 20.9428



33.5920, -4.7289, -23.3212



36.4980, 17.9955, -32.0087



43.5860, 8.0921, 17.9031

Rectangle

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



41.1200, -15.3422, 20.9428



38.8310, -17.1717, 1.0252



36.4980, 17.9955, -32.0087



41.8970, 16.3198, -7.8027

Sweetspot

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



41.1200, -15.3422, 20.9428



75.1490, -5.9895, 7.7623



29.8650, 4.9966, 30.8134



37.4090, -3.6526, 4.9033



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.



41.1200, -15.3422, 20.9428



47.4220, -23.3790, 32.0789



56.9690, -23.1557, 7.0432



31.4840, -0.7316, 1.3295



54.8310, -27.0317, 36.9822



126.8500, -62.5370, 85.2006

Inverse Universe

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



33.8800, 15.3422, -20.9428



36.5780, 23.3790, -32.0789



18.0310, 23.1557, -7.0432



31.5160, 0.7316, -1.3295



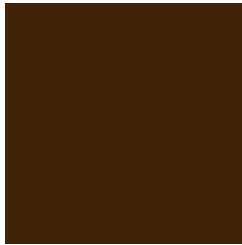
42.1690, 27.0317, -36.9822



97.1500, 62.5371, -85.2005

Previews

White Background



This preview shows how the YUV color 41.1200, -15.3422, 20.9428 looks on a white background.

Color Contrast Check

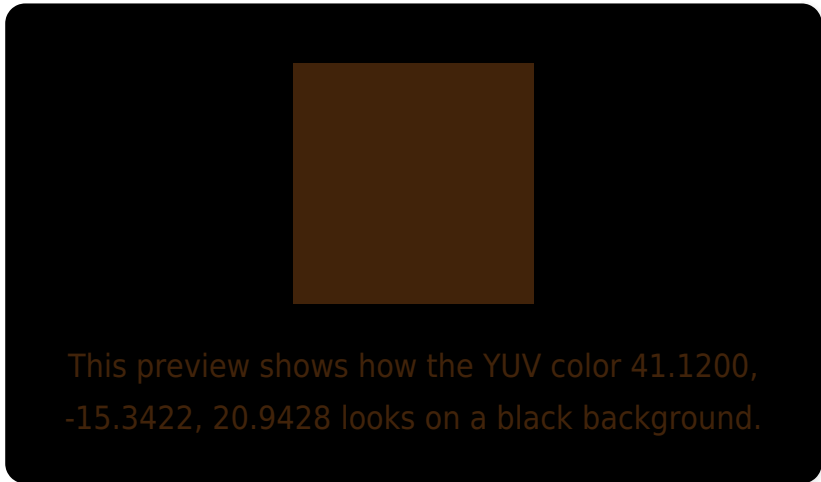
Large Text (above 18pt) WCAG AA ✓ Pass

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

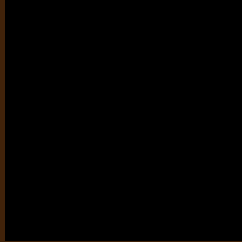
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.1200, -15.3422, 20.9428

Background



This preview shows how black text looks on a background with the YUV color 41.1200, -15.3422, 20.9428.

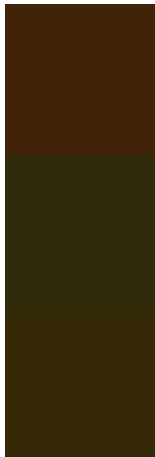


This preview shows how white text looks on a background with the YUV color 41.1200, -15.3422,

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

41.1200, -15.3422, 20.9428

Protanopia

40.9610, -14.2778, 6.1732

Deuteranopia

41.0110, -16.7674, 11.3914



Tritanopia

43.0950, -3.9908, 20.0877

Trichromacy



Original Color

41.1200, -15.3422, 20.9428

Protanomaly

40.8800, -14.7308, 11.5062

Deuteranomaly

41.1470, -16.3415, 14.7801

Tritanomaly

42.6560, -8.2114, 20.4727

Monochromacy



Original Color

41.1200, -15.3422, 20.9428

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.2630, -5.5527, 7.6623

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.1200, -15.3422, 20.9428 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, 35, 10)` looks like.

```
.text, #text, p{  
    color:rgb(65, 35, 10)  
}
```

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, 35, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 35, 10) }
```

Border

The CSS property to change the border of an element to YUV 41.1200, -15.3422, 20.9428 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, 35, 10) }
```


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

```
.border{ border-color:rgb(65, 35, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 35, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 35, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 35, 10);  
box-shadow:4px 4px 4px 4px rgb(65, 35, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.1200, -15.3422, 20.9428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 35, 10) }
```

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

```
.background{ background-color: rgb(65, 35,  
10) }
```

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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