

Converting Colors

YUV(41.0200, -20.2229,
46.4635)

Have a look what the booklet for
YUV(41.0200, -20.2229, 46.4635)
contains.

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Color

**YUV(41.0200, -20.2229,
46.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	5E1600
RGB	94, 22, 0
RGB Percent	37%, 9%, 0%
CMY	0.6314, 0.9137, 1.0000
CMYK	0.00, 0.77, 1.00, 0.63
HSL	14°, 100%, 18%
HSV	14°, 100%, 37%
XYZ	4.9030, 2.9535, 0.3117
YIQ	41.0200, 49.9740, 8.4220

Conversions

Conversions Part 2

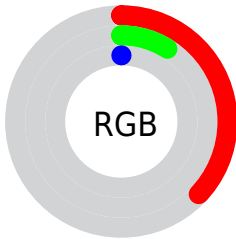
Format	Color
RYB	94, 29, 0
Decimal	6166016
CIELab	19.86, 31.57, 29.78
CIELCh	20, 43.400, 43.324
Yxy	2.9535, 0.6003, 0.3616
Android (android.graphics.Color)	4284356096 (0xFF5E1600)
YUV	41.0200, -20.2229, 46.4635
Hunter-Lab	17.1858, 20.8500, 10.9548

Details

The YUV color **41.0200, -20.2229, 46.4635** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **52.9800, 20.2229, -46.4635**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.8850, -22.1283, 50.9669**, and **12.9710, -5.9017, 26.3354** is the 20% darker color. If you saturate the color by 10%, you get **41.0200, -20.2229, 46.4635**, and if you desaturate by 10%, it is **46.1550, -18.3174, 41.9601**.

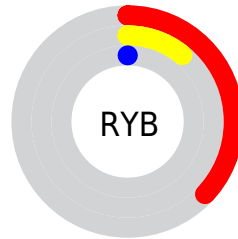
Distribution



Red (37%)

Green (9%)

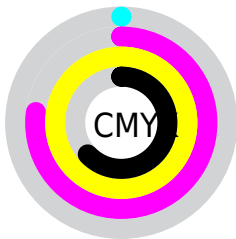
Blue (0%)



Red (37%)

Yellow (11%)

Blue (0%)

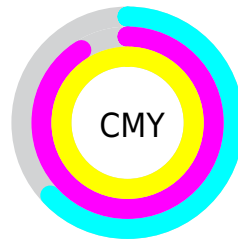


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (63%)



Cyan (63%)


Magenta (91%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 41.0200, -20.2229, 46.4635 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 41.0200, -20.2229, 46.4635 by changing the saturation by 10% instead.


 41.0200, -20.2229,
46.4635


 41.0200, -20.2229,
46.4635

 251.6940,
-12.6671, 2.8994

 19.7340, -9.7289,
40.5753


 91.8850, -22.1283,
50.9669


 12.9710, -5.9017,
26.3354

 117.2660,
-23.3021, 54.1407

 0.0000, 0.0000,
0.0000


 144.2340,
-24.7654, 56.7998


 171.2020,
-26.2286, 59.4588


 194.7990,
-25.0439, 52.7963


 214.3130,


-21.3533, 35.6825


 233.8270,
-17.6627, 18.5687


 41.0200, -20.2229,
46.4635

 46.1550, -18.3174,
41.9601

 51.4040, -15.9752,
37.3567

 57.1260, -14.3591,
32.3385

 62.3750, -12.0169,
27.7351

 67.5100, -10.1114,
23.2317

■ 72.6450, -8.2060,
18.7283

■ 77.8940, -5.8637,
14.1250

■ 83.6160, -4.2477,
9.1068

■ 88.8650, -1.9054,
4.5034

Harmonies

Analogous

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



34.4880, 0.2524, 59.2080



41.0200, -20.2229, 46.4635



45.6060, -22.4838, 24.9015

Triad

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



41.0200, -20.2229, 46.4635



38.4120, -5.1331, -33.6873



40.2430, 34.8832, -35.2931

Complementary

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



41.0200, -20.2229, 46.4635



52.9800, 20.2229, -46.4635

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.



45.8850, 31.1157, -40.2411



41.0200, -20.2229, 46.4635



42.8750, 9.4286, -37.6014

Square

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



41.0200, -20.2229, 46.4635



34.9540, -17.2323, -26.2697



46.1810, 22.0958, -40.5007



48.4620, 22.9432, 14.5038

Rectangle

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



41.0200, -20.2229, 46.4635



45.2190, -22.2930, 10.3319



46.1810, 22.0958, -40.5007



42.7050, 34.1624, -37.4523

Sweetspot

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



41.0200, -20.2229, 46.4635



101.4600, -7.6218, 18.0136



36.3140, 17.5932, 50.5906



48.5130, -4.6899, 10.9511



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



41.0200, -20.2229, 46.4635



53.5010, -26.3760, 60.0736



68.6090, -33.8242, 22.2679



43.0820, -1.0264, 2.5591



48.1520, -23.7389, 54.2407



103.7350, -51.1414, 116.8734

Inverse Universe

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



52.9800, 20.2229, -46.4635



69.0860, 26.0866, -60.5884



25.3910, 33.8242, -22.2679



43.9180, 1.0264, -2.5591



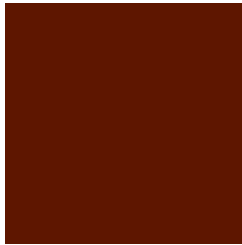
61.8480, 23.7389, -54.2407



133.8520, 50.8520, -117.3882

Previews

White Background



This preview shows how the YUV color 41.0200, -20.2229, 46.4635 looks on a white background.

Color Contrast Check

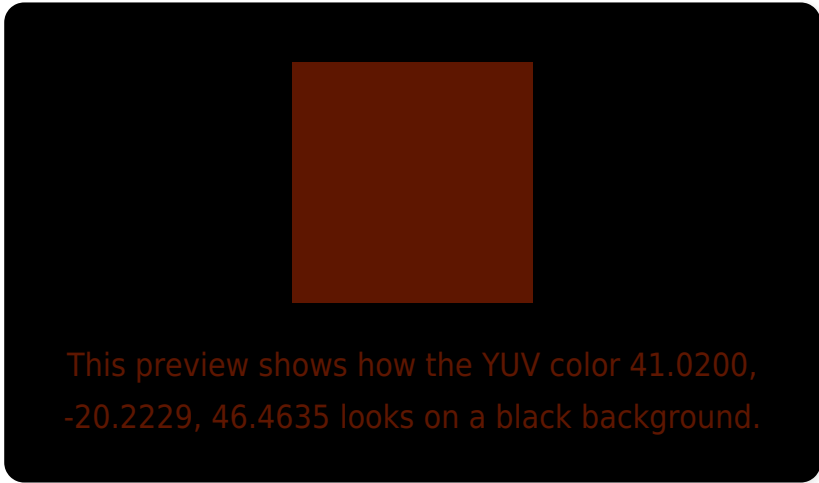
Large Text (above 18pt) WCAG AA ✓ Pass

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

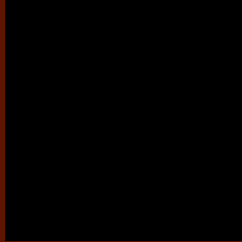
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.0200, -20.2229, 46.4635

Background



This preview shows how black text looks on a background with the YUV color 41.0200, -20.2229, 46.4635.



This preview shows how white text looks on a background with the YUV color 41.0200, -20.2229,

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



Protanopia

47.3480, -17.9196, 7.5878

Deuteranopia

47.0130, -23.1774, 14.0206

Tritanopia

42.8270, -10.7607, 44.8787

Trichromacy



Protanomaly

45.2080, -18.8365, 21.7426

Deuteranomaly

45.0190, -22.1944, 25.4163

Tritanomaly

41.9150, -14.2551, 45.6785

Monochromacy



Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.8620, -7.3270, 16.7840

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.0200, -20.2229, 46.4635 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(94, 22, 0)` looks like.

```
.text, #text, p{  
    color:rgb(94, 22, 0)  
}
```

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(94, 22, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 22, 0) }
```

Border

The CSS property to change the border of an element to YUV 41.0200, -20.2229, 46.4635 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(94, 22, 0) }
```

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

```
.border{ border-color:rgb(94, 22, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 22, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 22, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 22, 0); box-shadow:4px  
4px 4px 4px rgb(94, 22, 0) }
```


Background

The CSS property to change the background color of an element to YUV 41.0200, -20.2229, 46.4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 22, 0) }
```

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

```
.background{ background-color: rgb(94, 22,  
0) }
```

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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