

Converting Colors

YUV(46.2200, -20.3215,
31.3791)

Have a look what the booklet for
YUV(46.2200, -20.3215, 31.3791)
contains.

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Color

**YUV(46.2200, -20.3215,
31.3791)**

Conversions

Conversions Part 1

Format	Color
Hex	522405
RGB	82, 36, 5
RGB Percent	32%, 14%, 2%
CMY	0.6784, 0.8588, 0.9804
CMYK	0.00, 0.56, 0.94, 0.68
HSL	24°, 89%, 17%
HSV	24°, 94%, 32%
XYZ	4.1379, 3.0665, 0.5174
YIQ	46.2200, 37.3670, 0.1110

Conversions

Conversions Part 2

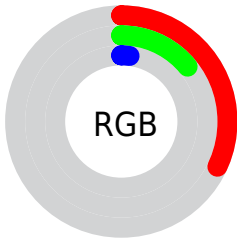
Format	Color
R_YB	82, 57, 5
Decimal	5383173
CIE Lab	20.31, 19.39, 27.61
CIE LCh	20, 33.743, 54.921
Yxy	3.0665, 0.5359, 0.3971
Android (android.graphics.Color)	4283573253 (0xFF522405)
YUV	46.2200, -20.3215, 31.3791
Hunter-Lab	17.5116, 11.5339, 10.5063

Details

The YUV color **46.2200, -20.3215, 31.3791** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **40.7800, 20.3215, -31.3791**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6120, -21.5007, 36.2973**, and **10.2800, -4.5750, 20.8024** is the 20% darker color. If you saturate the color by 10%, you get **43.8890, -21.6373, 33.4233**, and if you desaturate by 10%, it is **50.0670, -18.2740, 28.0052**.

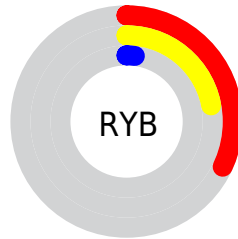
Distribution



Red (32%)

Green (14%)

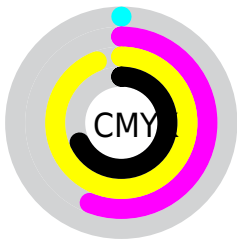
Blue (2%)



Red (32%)

Yellow (22%)

Blue (2%)

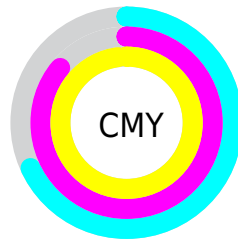


Cyan (0%)

Magenta (56%)

Yellow (94%)

Black (68%)



Cyan (68%)


Magenta (86%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 46.2200, -20.3215, 31.3791 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 46.2200, -20.3215, 31.3791 by changing the saturation by 10% instead.


 46.2200, -20.3215,
31.3791


 46.2200, -20.3215,
31.3791

 252.2640,
-10.4832, 2.3995

 25.5490, -12.5957,
26.7055

 94.6120, -21.5007,
36.2973

 10.2800, -4.5750,
20.8024

 119.6940,
-22.5271, 38.8564

 0.0000, 0.0000,
0.0000

 146.0640,
-23.6956, 40.2859


 172.8470,
-24.5746, 42.2302


 200.6300,
-25.4536, 44.1745


 221.3400,


-22.3526, 29.5198


 240.8540,
-18.6620, 12.4060


 46.2200, -20.3215,
31.3791


 46.2200, -20.3215,
31.3791


 43.8890, -21.6373,
33.4233

 50.0670, -18.2740,
28.0052

 53.9140, -16.2266,
24.6314

 57.8750, -13.7424,
21.1576

 61.7220, -11.6949,
17.7838

 64.9820, -9.3581,
14.9248

■ 68.8290, -7.3107,
11.5510

■ 72.6760, -5.2633,
8.1771

■ 76.6370, -2.7790,
4.7034

■ 80.4840, -0.7316,
1.3295

Harmonies

Analogous

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



45.6030, -7.6923, 40.6902



46.2200, -20.3215, 31.3791



46.4370, -22.8934, 16.2798

Triad

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



46.2200, -20.3215, 31.3791



40.2360, 1.8557, -35.2870



48.2050, 22.5769, -8.0728

Complementary

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



46.2200, -20.3215, 31.3791



40.7800, 20.3215, -31.3791

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.



42.2830, 27.4685, -37.0822



46.2200, -20.3215, 31.3791



43.0860, 12.7756, -37.7864

Square

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



46.2200, -20.3215, 31.3791



36.0980, -8.9223, -31.6579



44.1920, 22.0903, -38.7564



49.8020, 13.9016, 21.2216

Rectangle

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



46.2200, -20.3215, 31.3791



45.4740, -22.4187, 3.9693



44.1920, 22.0903, -38.7564



44.0180, 26.1201, -24.5718

Sweetspot

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



46.2200, -20.3215, 31.3791



93.0140, -7.8949, 12.2657



33.2670, 8.7424, 42.7388



45.3770, -5.1159, 7.5624



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.



46.2200, -20.3215, 31.3791



57.2340, -28.2164, 43.6448



68.5260, -31.3183, 11.8167



38.7830, -0.8790, 1.9443



56.0490, -27.6322, 42.9300



123.9590, -61.1118, 94.7520

Inverse Universe

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



40.7800, 20.3215, -31.3791



49.7660, 28.2164, -43.6448



18.4740, 31.3183, -11.8167



38.6300, 1.1684, -1.4295



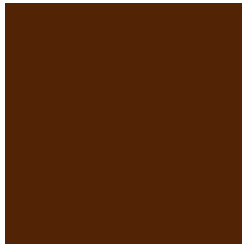
48.3640, 27.9215, -42.4152



108.0410, 61.1118, -94.7520

Previews

White Background



This preview shows how the YUV color 46.2200, -20.3215, 31.3791 looks on a white background.

Color Contrast Check

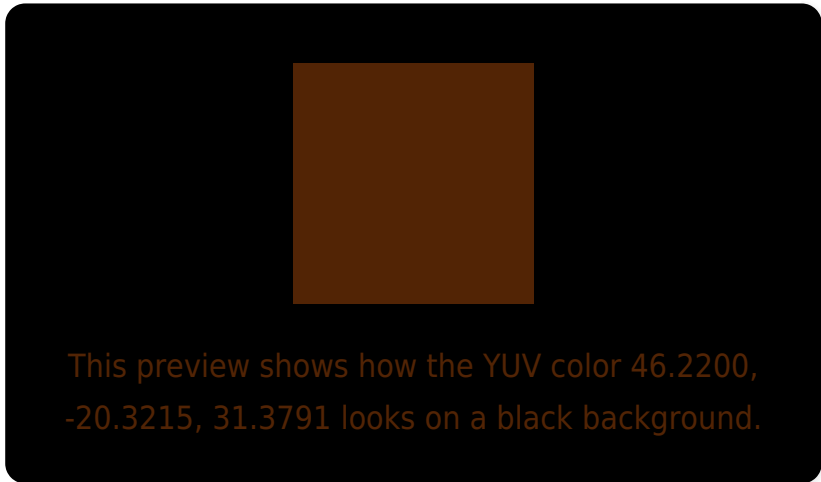
Large Text (above 18pt) WCAG AA ✓ Pass

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

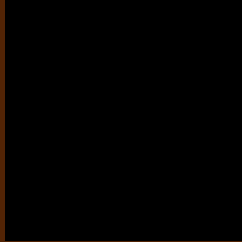
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.2200, -20.3215, 31.3791

Background



This preview shows how black text looks on a background with the YUV color 46.2200, -20.3215, 31.3791.



This preview shows how white text looks on a background with the YUV color 46.2200, -20.3215,

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

46.2200, -20.3215, 31.3791

Protanopia

47.1200, -18.7932, 7.7878

Deuteranopia

46.4260, -22.8880, 14.5354



Tritanopia

48.8790, -6.3493, 29.9241

Trichromacy



Original Color

46.2200, -20.3215, 31.3791

Protanomaly

46.7620, -19.1097, 15.9947

Deuteranomaly

46.3990, -21.8887, 20.6981

Tritanomaly

48.2120, -11.4435, 30.5091

Monochromacy



Original Color

46.2200, -20.3215, 31.3791

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.8290, -7.3107, 11.5510

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.2200, -20.3215, 31.3791 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, 36, 5)` looks like.

```
.text, #text, p{  
    color:rgb(82, 36, 5)  
}
```

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, 36, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 36, 5) }
```

Border

The CSS property to change the border of an element to YUV 46.2200, -20.3215, 31.3791 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, 36, 5) }
```


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

```
.border{ border-color:rgb(82, 36, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 36, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 36, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 36, 5); box-shadow:4px  
4px 4px 4px rgb(82, 36, 5) }
```

Background

The CSS property to change the background color of an element to YUV 46.2200, -20.3215, 31.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 36, 5) }
```

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

```
.background{ background-color: rgb(82, 36,  
5) }
```

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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