

Converting Colors

YUV(46.4100, -1.6811, 25.9504)

Have a look what the booklet for
YUV(46.4100, -1.6811, 25.9504)
contains.

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Color

**YUV(46.4100, -1.6811,
25.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	4C202B
RGB	76, 32, 43
RGB Percent	30%, 13%, 17%
CMY	0.7020, 0.8745, 0.8314
CMYK	0.00, 0.58, 0.43, 0.70
HSL	345°, 41%, 21%
HSV	345°, 58%, 30%
XYZ	3.9330, 2.7439, 2.6078
YIQ	46.4100, 22.6930, 12.7490

Conversions

Conversions Part 2

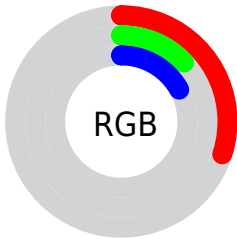
Format	Color
R_{YB}	76, 32, 43
Decimal	4988971
CIE _{Lab}	18.99, 22.13, 2.67
CIE _{LCh}	19, 22.293, 6.887
Yxy	2.7439, 0.4236, 0.2955
Android (android.graphics.Color)	4283179051 (0xFF4C202B)
YUV	46.4100, -1.6811, 25.9504
Hunter-Lab	16.5648, 13.3934, 2.2612

Details

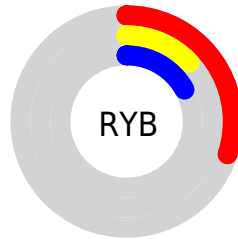
The YUV color **46.4100, -1.6811, 25.9504** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **61.5900, 1.6811, -25.9504**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.7910, -2.8550, 29.1243**, and **9.3830, -4.1328, 18.9581** is the 20% darker color. If you saturate the color by 10%, you get **41.0300, -1.9868, 30.6687**, and if you desaturate by 10%, it is **51.7900, -1.3755, 21.2322**.

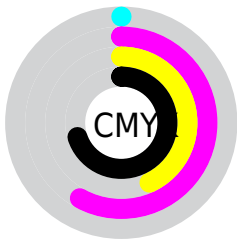
Distribution



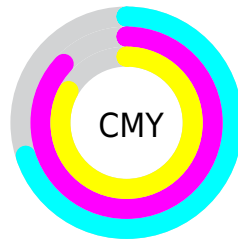
- Red (30%)
- Green (13%)
- Blue (17%)



- Red (30%)
- Yellow (13%)
- Blue (17%)



- Cyan (0%)
- Magenta (58%)
- Yellow (43%)
- Black (70%)



- Cyan (70%)
- Magenta (87%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.4100, -1.6811, 25.9504 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 46.4100, -1.6811, 25.9504 by changing the saturation by 10% instead.

46.4100, -1.6811,
25.9504

46.4100, -1.6811,
25.9504

255.0000, 0.0000,
0.0000

24.0400, -0.5127,
24.5209

93.7910, -2.8550,
29.1243

9.3830, -4.1328,
18.9581

118.8020, -2.8604,
30.8686

0.0000, 0.0000,
0.0000

144.9870, -3.4446,
31.5834

171.5850, -3.7394,
32.8130

199.1830, -4.0342,
34.0425

223.8940, -2.4127,

27.2800

243.6360, 2.1515,
9.9662

46.4100, -1.6811,
25.9504

46.4100, -1.6811,
25.9504

41.0300, -1.9868,
30.6687

51.7900, -1.3755,
21.2322

36.3510, -2.1450,
34.7722

56.4690, -1.2172,
17.1287

30.9710, -2.4507,
39.4904

61.8490, -0.9116,
12.4104

26.1780, -3.0458,
43.6939

66.6420, -0.3165,
8.2070

24.8900, -2.9038,
44.8235

72.0220, -0.0108,
3.4887

■ 77.2880, -0.1420,
-1.1296

■ 82.0810, 0.4531,
-5.3330

■ 87.4610, 0.7587,
-10.0513

■ 92.1400, 0.9170,
-14.1548

Harmonies

Analogous

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



47.3150, 5.7607, 19.0177



46.4100, -1.6811, 25.9504



45.8630, -8.8065, 24.6761

Triad

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



46.4100, -1.6811, 25.9504



42.5680, -11.6190, -6.6371



38.6010, 18.4377, -33.8531

Complementary

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



46.4100, -1.6811, 25.9504



61.5900, 1.6811, -25.9504

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.



39.1080, 12.7648, -34.2977



46.4100, -1.6811, 25.9504



37.8630, -2.3975, -24.4359

Square

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



46.4100, -1.6811, 25.9504



43.9180, -15.7356, 7.0879



37.2840, 5.7760, -32.6981



43.6570, 16.9311, -17.2392

Rectangle

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



46.4100, -1.6811, 25.9504



45.6900, -13.1582, 20.4429



37.2840, 5.7760, -32.6981



38.8460, 16.8379, -34.0679

Sweetspot

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



46.4100, -1.6811, 25.9504



88.2400, -0.6113, 9.4365



46.8830, 14.3547, 15.8886



44.2180, -0.6005, 5.9478



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



46.4100, -1.6811, 25.9504



53.2700, -2.5981, 40.1052



51.6130, -9.6692, 21.3874



35.3100, -0.1528, 2.3591



33.4620, -3.6788, 60.1078



75.2680, -9.0061, 135.7000

Inverse Universe

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



46.4100, -1.6811, 25.9504



53.2700, -2.5981, 40.1052



56.3870, 9.6692, -21.3874



35.3100, -0.1528, 2.3591



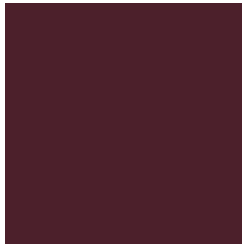
33.4620, -3.6788, 60.1078



75.2680, -9.0061, 135.7000

Previews

White Background



This preview shows how the YUV color 46.4100, -1.6811, 25.9504 looks on a white background.

Color Contrast Check

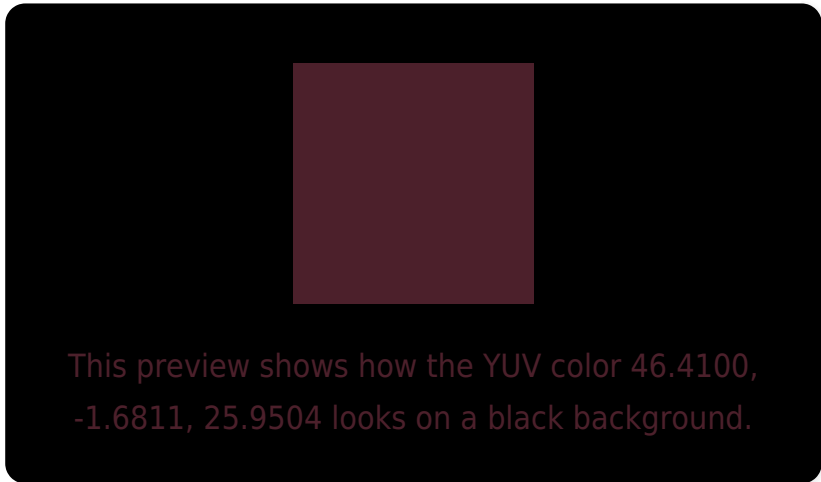
Large Text (above 18pt) WCAG AA ✓ Pass

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

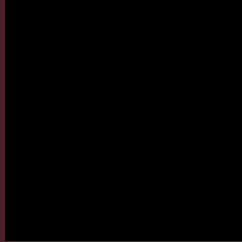
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.4100, -1.6811, 25.9504

Background



This preview shows how black text looks on a background with the YUV color 46.4100, -1.6811, 25.9504.



This preview shows how white text looks on a background with the YUV color 46.4100, -1.6811,

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

46.4100, -1.6811, 25.9504

Protanopia

47.4560, 1.7472, -0.3999

Deuteranopia

47.2350, -3.0739, 5.9329



Tritanopia

45.9000, -4.8807, 25.5207

Trichromacy



Original Color

46.4100, -1.6811, 25.9504

Protanomaly

47.4680, 0.2623, 9.2366

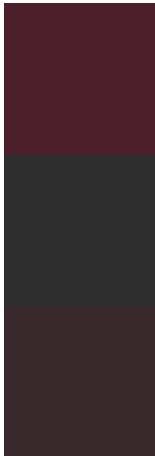
Deuteranomaly

46.8060, -2.3694, 13.3251

Tritanomaly

46.2420, -3.5703, 25.2208

Monochromacy



Original Color

46.4100, -1.6811, 25.9504

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.2400, -0.6113, 9.4365

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.4100, -1.6811, 25.9504 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(76, 32, 43)` looks like.

```
.text, #text, p{  
    color:rgb(76, 32, 43)  
}
```

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(76, 32, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 32, 43) }
```

Border

The CSS property to change the border of an element to YUV 46.4100, -1.6811, 25.9504 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(76, 32, 43) }
```


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

```
.border{ border-color:rgb(76, 32, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 32, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 32, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 32, 43);  
box-shadow:4px 4px 4px 4px rgb(76, 32, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.4100, -1.6811, 25.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 32, 43) }
```

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

```
.background{ background-color: rgb(76, 32,  
43) }
```

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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