

Converting Colors

YUV(46.3520, -7.0755, 29.5093)

Have a look what the booklet for
YUV(46.3520, -7.0755, 29.5093)
contains.

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Color

**YUV(46.3520, -7.0755,
29.5093)**

Conversions

Conversions Part 1

Format	Color
Hex	502020
RGB	80, 32, 32
RGB Percent	31%, 13%, 13%
CMY	0.6863, 0.8745, 0.8745
CMYK	0.00, 0.60, 0.60, 0.69
HSL	0°, 43%, 22%
HSV	0°, 60%, 31%
XYZ	4.0855, 2.8428, 1.6999
YIQ	46.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

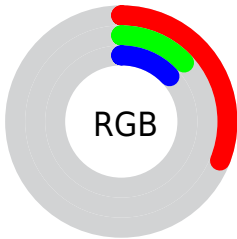
Format	Color
RYB	80, 32, 32
Decimal	5251104
CIELab	19.40, 22.55, 11.05
CIELCh	19, 25.113, 26.114
Yxy	2.8428, 0.4735, 0.3295
Android (android.graphics.Color)	4283441184 (0xFF502020)
YUV	46.3520, -7.0755, 29.5093
Hunter-Lab	16.8606, 13.7465, 5.8248

Details

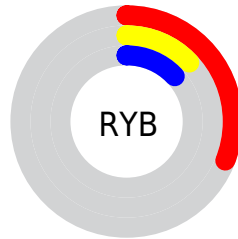
The YUV color **46.3520, -7.0755, 29.5093** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **65.6480, 7.0755, -29.5093**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.9180, -8.8336, 33.3979**, and **10.2800, -4.5750, 20.8024** is the 20% darker color. If you saturate the color by 10%, you get **40.7440, -8.2548, 34.4275**, and if you desaturate by 10%, it is **51.9600, -5.8963, 24.5911**.

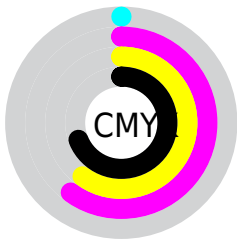
Distribution



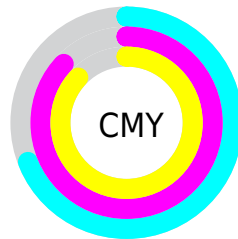
- Red (31%)
- Green (13%)
- Blue (13%)



- Red (31%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (69%)



- Cyan (69%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.3520, -7.0755, 29.5093 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 46.3520, -7.0755, 29.5093 by changing the saturation by 10% instead.

46.3520, -7.0755,
29.5093

46.3520, -7.0755,
29.5093

255.0000, 0.0000,
0.0000

23.3410, -7.0701,
27.7649

93.9180, -8.8336,
33.3979

10.2800, -4.5750,
20.8024

118.8150, -9.2758,
35.2422

0.0000, 0.0000,
0.0000

145.2990,
-10.0074, 36.5718

172.1960,
-10.4496, 38.4161

199.6800,
-11.1812, 39.7456

222.2980, -8.5279,

28.6797

241.9260, -4.4005,
11.4659

46.3520, -7.0755,
29.5093

46.3520, -7.0755,
29.5093

40.7440, -8.2548,
34.4275

51.9600, -5.8963,
24.5911

35.1360, -9.4340,
39.3457

57.5680, -4.7170,
19.6729

29.5280, -10.6133,
44.2639

63.1760, -3.5378,
14.7546

23.9200, -11.7926,
49.1822

68.7840, -2.3585,
9.8364

74.3920, -1.1793,
4.9182

■ 80.0000, 0.0000,
0.0000

■ 85.6080, 1.1793,
-4.9182

■ 91.2160, 2.3585,
-9.8364

■ 96.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



47.5180, 1.2236, 27.6097



46.3520, -7.0755, 29.5093



46.0710, -14.3320, 23.6167

Triad

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



46.3520, -7.0755, 29.5093



39.7450, -6.7763, -19.9474



38.8120, 21.7847, -34.0381

Complementary

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



46.3520, -7.0755, 29.5093



65.6480, 7.0755, -29.5093

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.



40.4760, 18.0063, -35.4975



46.3520, -7.0755, 29.5093



37.8880, 3.0132, -33.2278

Square

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



46.3520, -7.0755, 29.5093



43.4500, -15.9978, -2.1486



40.0540, 11.3124, -35.1274



47.2180, 16.1615, -3.6992

Rectangle

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



46.3520, -7.0755, 29.5093



45.4030, -17.9467, 16.3096



40.0540, 11.3124, -35.1274



39.2850, 21.0585, -34.4529

Sweetspot

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



46.3520, -7.0755, 29.5093



91.6810, -2.8007, 11.6808



51.8240, 13.8908, 24.7104



45.5880, -1.7689, 7.3773



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.



46.3520, -7.0755, 29.5093



51.7240, -11.2029, 46.7231



60.4400, -14.0209, 17.1541



38.1960, -0.5896, 2.4591



31.3950, -15.4777, 64.5516



69.3680, -34.1984, 142.6283

Inverse Universe

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



65.6480, 7.0755, -29.5093



82.2760, 11.2029, -46.7231



51.5600, 14.0209, -17.1541



39.8040, 0.5896, -2.4591



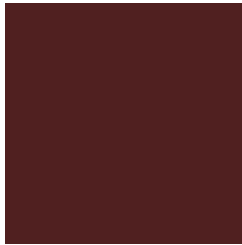
73.6050, 15.4777, -64.5516



162.6320, 34.1984, -142.6283

Previews

White Background



This preview shows how the YUV color 46.3520, -7.0755, 29.5093 looks on a white background.

Color Contrast Check

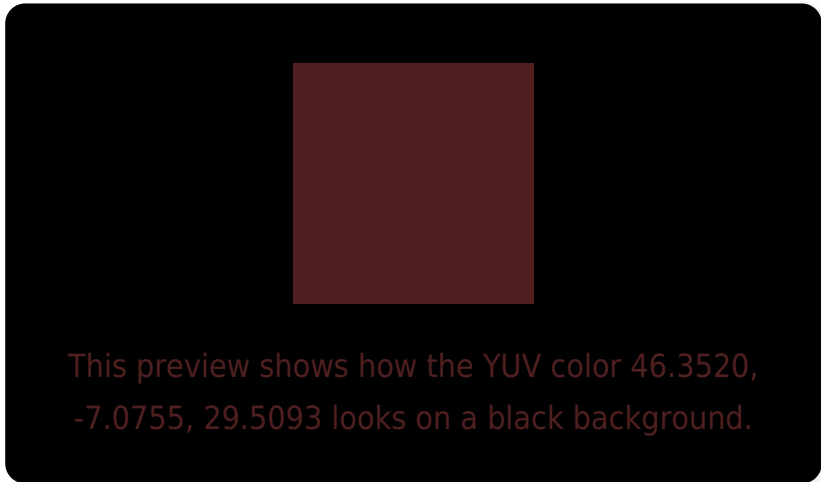
Large Text (above 18pt) WCAG AA ✓ Pass

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

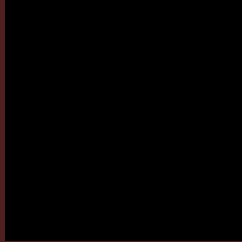
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.3520, -7.0755, 29.5093

Background



This preview shows how black text looks on a background with the YUV color 46.3520, -7.0755, 29.5093.



This preview shows how white text looks on a background with the YUV color 46.3520, -7.0755,

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

46.3520, -7.0755, 29.5093

Protanopia

47.8710, -4.3734, 2.7441

Deuteranopia

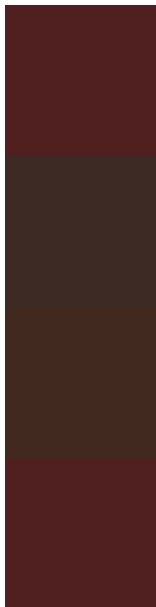
47.7640, -8.7577, 8.9770



Tritanopia

46.5800, -6.2019, 29.3093

Trichromacy



Original Color

46.3520, -7.0755, 29.5093

Protanomaly

47.2960, -5.5689, 12.8954

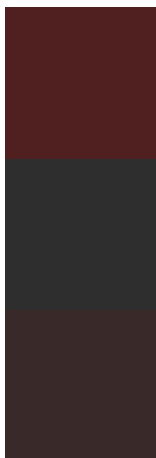
Deuteranomaly

47.3350, -8.0532, 16.3692

Tritanomaly

46.4660, -6.6387, 29.4093

Monochromacy



Original Color

46.3520, -7.0755, 29.5093

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0830, -2.5059, 10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.3520, -7.0755, 29.5093 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(80, 32, 32)` looks like.

```
.text, #text, p{  
    color:rgb(80, 32, 32)  
}
```

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(80, 32, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 32, 32) }
```

Border

The CSS property to change the border of an element to YUV 46.3520, -7.0755, 29.5093 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(80, 32, 32) }
```


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

```
.border{ border-color:rgb(80, 32, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 32, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 32, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 32, 32);  
box-shadow:4px 4px 4px 4px rgb(80, 32, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.3520, -7.0755, 29.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 32, 32) }
```

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

```
.background{ background-color: rgb(80, 32,  
32) }
```

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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