

Converting Colors

YUV(47.0630, -5.4541, 22.7467)

Have a look what the booklet for
YUV(47.0630, -5.4541, 22.7467)
contains.

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Color

**YUV(47.0630, -5.4541,
22.7467)**

Conversions

Conversions Part 1

Format	Color
Hex	492424
RGB	73, 36, 36
RGB Percent	29%, 14%, 14%
CMY	0.7137, 0.8588, 0.8588
CMYK	0.00, 0.51, 0.51, 0.71
HSL	0°, 34%, 21%
HSV	0°, 51%, 29%
XYZ	3.6970, 2.8056, 2.0157
YIQ	47.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

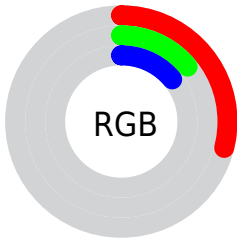
Format	Color
RYB	73, 36, 36
Decimal	4793380
CIELab	19.25, 17.48, 7.86
CIELCh	19, 19.167, 24.223
Yxy	2.8056, 0.4340, 0.3294
Android (android.graphics.Color)	4282983460 (0xFF492424)
YUV	47.0630, -5.4541, 22.7467
Hunter-Lab	16.7499, 10.0854, 4.5898

Details

The YUV color **47.0630, -5.4541, 22.7467** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **61.9370, 5.4541, -22.7467**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.3300, -7.0647, 26.0206**, and **8.1870, -3.5432, 16.4990** is the 20% darker color. If you saturate the color by 10%, you get **42.1560, -6.4859, 27.0502**, and if you desaturate by 10%, it is **51.9700, -4.4222, 18.4433**.

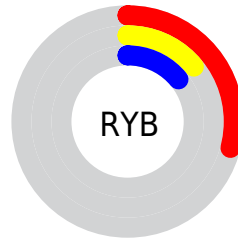
Distribution



Red (29%)

Green (14%)

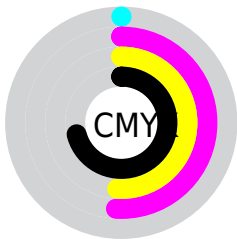
Blue (14%)



Red (29%)

Yellow (14%)

Blue (14%)

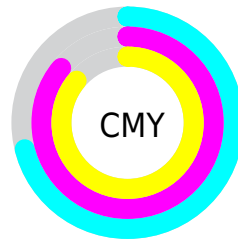


Cyan (0%)

Magenta (51%)

Yellow (51%)

Black (71%)



Cyan (71%)

Magenta (86%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.0630, -5.4541, 22.7467 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 47.0630, -5.4541, 22.7467 by changing the saturation by 10% instead.

47.0630, -5.4541,
22.7467

47.0630, -5.4541,
22.7467

255.0000, 0.0000,
0.0000

25.1660, -5.0118,
20.9024

94.3300, -7.0647,
26.0206

8.1870, -3.5432,
16.4990

118.9280, -7.3595,
27.2501

0.0000, 0.0000,
0.0000

144.6400, -7.2175,
28.3797

171.2380, -7.5123,
29.6093

199.3090, -8.5333,
30.4240

224.6290, -7.2121,

26.6354

244.8440, -3.3741,
8.9068

47.0630, -5.4541,
22.7467

47.0630, -5.4541,
22.7467

42.1560, -6.4859,
27.0502

51.9700, -4.4222,
18.4433

36.5480, -7.6652,
31.9684

57.5780, -3.2430,
13.5251

31.6410, -8.6970,
36.2718

62.4850, -2.2111,
9.2217

26.7340, -9.7289,
40.5753

67.3920, -1.1793,
4.9182

21.8270, -10.7607,
44.8787

73.0000, 0.0000,
0.0000

■ 77.9070, 1.0318,
-4.3034

■ 82.8140, 2.0637,
-8.6069

■ 87.7210, 3.0955,
-12.9103

■ 93.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



47.4740, 1.2453, 20.6323



47.0630, -5.4541, 22.7467



46.5480, -11.1162, 18.8134

Triad

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



47.0630, -5.4541, 22.7467



42.0170, -5.9244, -13.1699



42.2820, 15.6370, -22.1723

Complementary

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



47.0630, -5.4541, 22.7467



61.9370, 5.4541, -22.7467

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.



38.3900, 15.0907, -33.6680



47.0630, -5.4541, 22.7467



37.4970, 2.7130, -30.2539

Square

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



47.0630, -5.4541, 22.7467



44.1990, -11.9301, -0.1745



38.3100, 9.7072, -33.5979



47.1920, 12.2303, -2.7994

Rectangle

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



47.0630, -5.4541, 22.7467



45.7600, -12.6997, 13.3655



38.3100, 9.7072, -33.5979



38.5690, 16.9745, -31.1940

Sweetspot

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



47.0630, -5.4541, 22.7467



84.1860, -2.0637, 8.6069



51.2810, 10.7075, 19.0476



42.3920, -1.1793, 4.9182



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



47.0630, -5.4541, 22.7467



54.0430, -8.4022, 35.0423



58.2160, -10.9525, 12.9656



33.1960, -0.5896, 2.4591



29.6010, -14.5933, 60.8629



67.8730, -33.4614, 139.5544

Inverse Universe

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



61.9370, 5.4541, -22.7467



76.9570, 8.4022, -35.0423



51.3710, 10.6631, -13.4804



34.8040, 0.5896, -2.4591



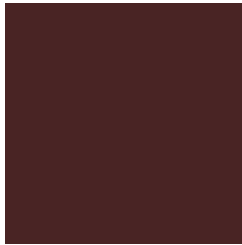
69.3990, 14.5933, -60.8629



159.1270, 33.4614, -139.5544

Previews

White Background



This preview shows how the YUV color 47.0630, -5.4541, 22.7467 looks on a white background.

Color Contrast Check

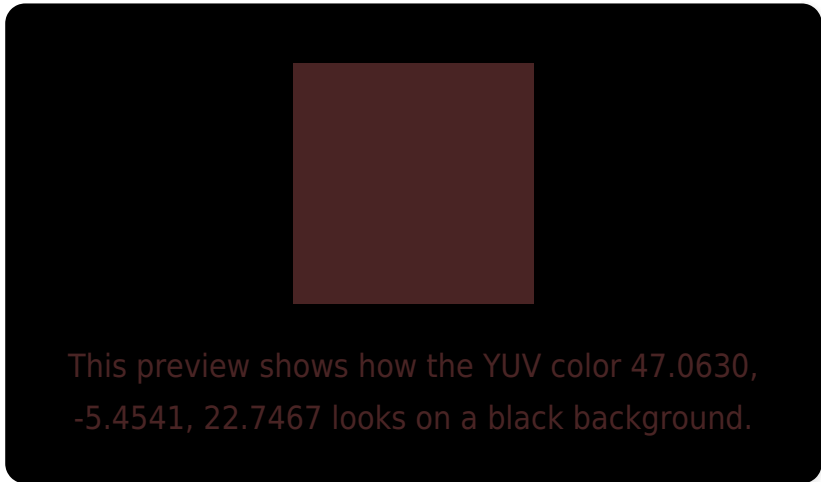
Large Text (above 18pt) WCAG AA ✓ Pass

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

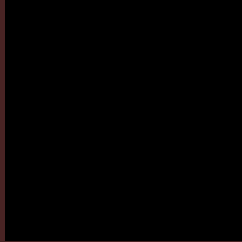
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.0630, -5.4541, 22.7467

Background



This preview shows how black text looks on a background with the YUV color 47.0630, -5.4541, 22.7467.



This preview shows how white text looks on a background with the YUV color 47.0630, -5.4541,

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

47.0630, -5.4541, 22.7467

Protanopia

47.2130, -3.0630, 2.4442

Deuteranopia

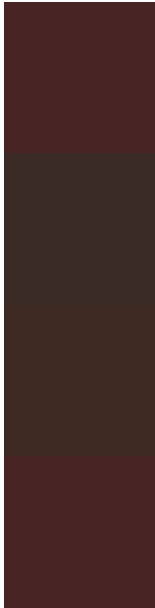
47.0350, -6.4263, 7.8623



Tritanopia

47.2910, -4.5805, 22.5468

Trichromacy



Original Color

47.0630, -5.4541, 22.7467

Protanomaly

47.0290, -3.9583, 9.6216

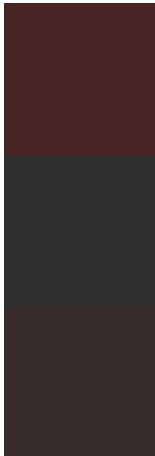
Deuteranomaly

47.1820, -6.0057, 12.9954

Tritanomaly

47.1770, -5.0173, 22.6468

Monochromacy



Original Color

47.0630, -5.4541, 22.7467

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.8870, -1.9163, 7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0630, -5.4541, 22.7467 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(73, 36, 36)` looks like.

```
.text, #text, p{  
    color:rgb(73, 36, 36)  
}
```

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(73, 36, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 36, 36) }
```

Border

The CSS property to change the border of an element to YUV 47.0630, -5.4541, 22.7467 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(73, 36, 36) }
```


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

```
.border{ border-color:rgb(73, 36, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 36, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 36, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 36, 36);  
box-shadow:4px 4px 4px 4px rgb(73, 36, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.0630, -5.4541, 22.7467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 36, 36) }
```

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

```
.background{ background-color: rgb(73, 36,  
36) }
```

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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