

Converting Colors

YUV(47.0730, -0.5290, 29.7540)

Have a look what the booklet for
YUV(47.0730, -0.5290, 29.7540)
contains.

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Color

**YUV(47.0730, -0.5290,
29.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	511E2E
RGB	81, 30, 46
RGB Percent	32%, 12%, 18%
CMY	0.6824, 0.8824, 0.8196
CMYK	0.00, 0.63, 0.43, 0.68
HSL	341°, 46%, 22%
HSV	341°, 63%, 32%
XYZ	4.3508, 2.8751, 2.9104
YIQ	47.0730, 25.2600, 15.7880

Conversions

Conversions Part 2

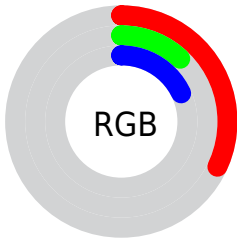
Format	Color
RYB	81, 30, 46
Decimal	5316142
CIELab	19.54, 25.68, 1.47
CIELCh	20, 25.726, 3.278
Yxy	2.8751, 0.4292, 0.2836
Android (android.graphics.Color)	4283506222 (0xFF511E2E)
YUV	47.0730, -0.5290, 29.7540
Hunter-Lab	16.9562, 16.1275, 1.6926

Details

The YUV color **47.0730, -0.5290, 29.7540** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **63.9270, 0.5290, -29.7540**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.4540, -1.7028, 32.9278**, and **11.1770, -5.0173, 22.6468** is the 20% darker color. If you saturate the color by 10%, you get **41.6930, -0.8346, 34.4722**, and if you desaturate by 10%, it is **52.4530, -0.2233, 25.0357**.

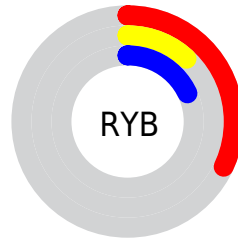
Distribution



 Red (32%)


 Green (12%)

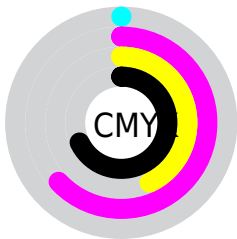
 Blue (18%)



 Red (32%)

 Yellow (12%)

 Blue (18%)

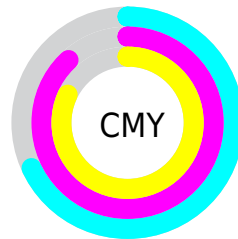


 Cyan (0%)

 Magenta (63%)

 Yellow (43%)

 Black (68%)



 Cyan (68%)

 Magenta (88%)

 Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.0730, -0.5290, 29.7540 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 47.0730, -0.5290, 29.7540 by changing the saturation by 10% instead.

■ 47.0730, -0.5290,
29.7540

■ 47.0730, -0.5290,
29.7540

■ 255.0000, 0.0000,
0.0000

■ 23.7030, 0.6394,
28.3245

■ 95.4540, -1.7028,
32.9278

■ 11.1770, -5.0173,
22.6468

■ 120.3510, -2.1450,
34.7722

■ 0.0000, 0.0000,
0.0000

■ 146.6500, -2.2924,
35.3870

■ 173.5470, -2.7347,
37.2313

■ 201.1450, -3.0295,
38.4608

■ 223.7630, -0.3762,

27.3948

243.5050, 4.1880,
10.0811

47.0730, -0.5290,
29.7540

47.0730, -0.5290,
29.7540

41.6930, -0.8346,
34.4722

52.4530, -0.2233,
25.0357

36.4270, -0.7035,
39.0905

57.7190, -0.3545,
20.4174

31.0470, -1.0092,
43.8088

63.0990, -0.0488,
15.6992

27.0690, -1.0200,
47.2975

68.3650, -0.1799,
11.0809

73.7450, 0.1257,
6.3626

■ 79.5980, -0.2948,
1.2296

■ 84.9780, 0.0108,
-3.4887

■ 90.2440, -0.1203,
-8.1070

■ 95.6240, 0.1854,
-12.8252

Harmonies

Analogous

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



48.7820, 7.5025, 20.3622



47.0730, -0.5290, 29.7540



46.4830, -9.1121, 29.3944

Triad

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



47.0730, -0.5290, 29.7540



42.8840, -14.2398, -6.0373



40.9320, 19.7535, -35.8974

Complementary

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



47.0730, -0.5290, 29.7540



63.9270, 0.5290, -29.7540

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.



40.5100, 13.0596, -35.5273



47.0730, -0.5290, 29.7540



37.4990, -3.6970, -27.6246

Square

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



47.0730, -0.5290, 29.7540



44.9030, -19.6722, 9.7321



38.4580, 5.1972, -33.7277



40.8450, 21.7684, -28.8051

Rectangle

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



47.0730, -0.5290, 29.7540



46.3700, -14.4794, 24.2315



38.4580, 5.1972, -33.7277



41.0630, 17.7169, -36.0123

Sweetspot

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



47.0730, -0.5290, 29.7540



91.6640, -0.3274, 11.6957



46.2790, 17.1175, 16.4183



45.3430, -0.1691, 7.5922



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.



47.0730, -0.5290, 29.7540



51.7700, -0.8726, 46.6827



50.5320, -10.1223, 26.7204



38.3100, -0.1528, 2.3591



35.1570, -1.0634, 61.2523



77.6900, -2.3122, 135.3299

Inverse Universe

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



47.0730, -0.5290, 29.7540



51.7700, -0.8726, 46.6827



60.4680, 10.1223, -26.7204



38.3100, -0.1528, 2.3591



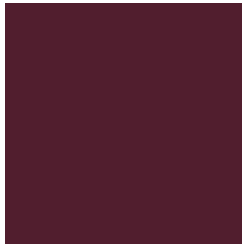
35.1570, -1.0634, 61.2523



77.6900, -2.3122, 135.3299

Previews

White Background



This preview shows how the YUV color 47.0730, -0.5290, 29.7540 looks on a white background.

Color Contrast Check

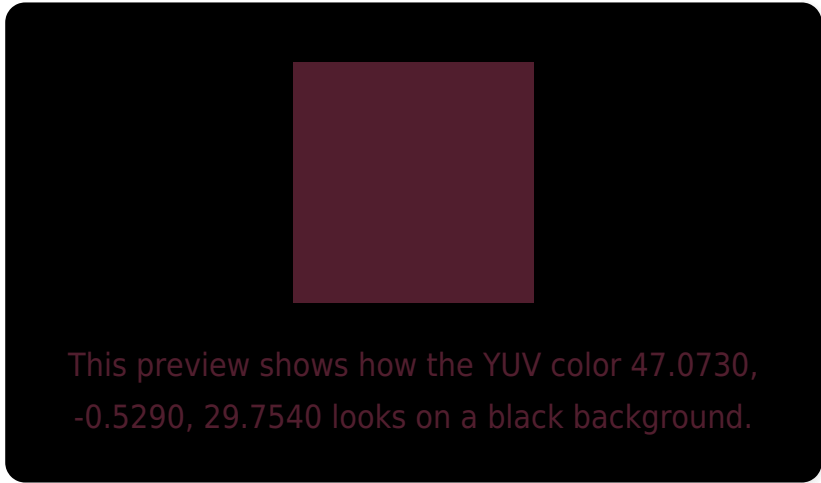
Large Text (above 18pt) WCAG AA ✓ Pass

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

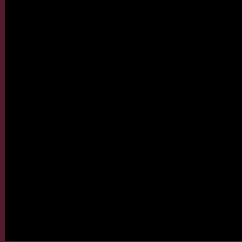
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.0730, -0.5290, 29.7540

Background



This preview shows how black text looks on a background with the YUV color 47.0730, -0.5290, 29.7540.



This preview shows how white text looks on a background with the YUV color 47.0730, -0.5290,

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

47.0730, -0.5290, 29.7540

Protanopia

48.6130, 3.6418, -1.4146

Deuteranopia

49.0500, -2.4896, 5.2182



Tritanopia

46.5800, -6.2019, 29.3093

Trichromacy



Original Color

47.0730, -0.5290, 29.7540

Protanomaly

47.6360, 2.1515, 9.9662

Deuteranomaly

48.3330, -1.6432, 13.7400

Tritanomaly

46.4490, -4.1654, 29.4242

Monochromacy



Original Color

47.0730, -0.5290, 29.7540

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0660, -0.0325, 10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0730, -0.5290, 29.7540 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(81, 30, 46)` looks like.

```
.text, #text, p{  
    color:rgb(81, 30, 46)  
}
```

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(81, 30, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 30, 46) }
```

Border

The CSS property to change the border of an element to YUV 47.0730, -0.5290, 29.7540 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(81, 30, 46) }
```


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

```
.border{ border-color:rgb(81, 30, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 30, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 30, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 30, 46);  
box-shadow:4px 4px 4px 4px rgb(81, 30, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.0730, -0.5290, 29.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 30, 46) }
```

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

```
.background{ background-color: rgb(81, 30,  
46) }
```

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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