

Converting Colors

YUV(47.5190, 13.0551, 12.6998)

Have a look what the booklet for
YUV(47.5190, 13.0551, 12.6998)
contains.

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Color

**YUV(47.5190, 13.0551,
12.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	3E234A
RGB	62, 35, 74
RGB Percent	24%, 14%, 29%
CMY	0.7569, 0.8627, 0.7098
CMYK	0.16, 0.53, 0.00, 0.71
HSL	282°, 36%, 21%
HSV	282°, 53%, 29%
XYZ	3.8237, 2.7206, 6.8022
YIQ	47.5190, 3.5730, 17.8530

Conversions

Conversions Part 2

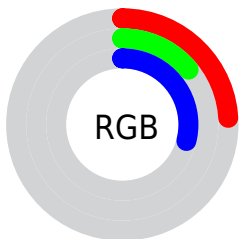
Format	Color
R_{YB}	62, 35, 74
Decimal	4072266
CIE _{Lab}	18.89, 20.94, -19.21
CIE _{LCh}	19, 28.416, 317.477
Yxy	2.7206, 0.2865, 0.2038
Android (android.graphics.Color)	4282262346 (0xFF3E234A)
YUV	47.5190, 13.0551, 12.6998
Hunter-Lab	16.4943, 12.5145, -12.9050

Details


The YUV color **47.5190, 13.0551, 12.6998** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **61.4810, -13.0551, -12.6998**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.1710, 14.2127, 14.7590**, and **9.1010, 10.3032, 8.6814** is the 20% darker color. If you saturate the color by 10%, you get **42.8120, 15.3757, 15.0739**, and if you desaturate by 10%, it is **52.2260, 10.7346, 10.3258**.

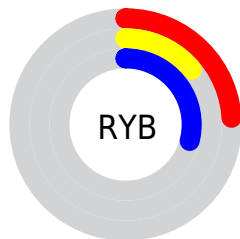
Distribution



 Red (24%)

 Green (14%)

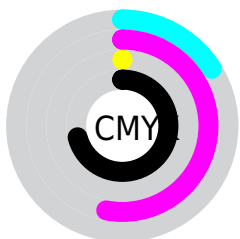
 Blue (29%)





 Red (24%)

 Yellow (14%)

 Blue (29%)

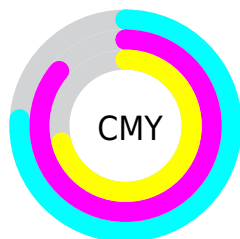



 Cyan (16%)


 Magenta (53%)

 Yellow (0%)

 Black (71%)



 Cyan (76%)

 Magenta (86%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5190, 13.0551, 12.6998 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 47.5190, 13.0551, 12.6998 by changing the saturation by 10% instead.

47.5190, 13.0551,
12.6998

47.5190, 13.0551,
12.6998

255.0000, 0.0000,
0.0000

25.6930, 12.4764,
11.6702

94.1710, 14.2127,
14.7590

9.1010, 10.3032,
8.6814

119.2850, 14.6495,
14.6591

0.0000, 0.0000,
0.0000

145.1110, 15.2283,
15.6887

171.5240, 15.5177,
16.2035

198.9370, 15.8071,
16.7183

226.7800, 13.9125,

17.7329

246.1950, 4.3409,
7.7220

47.5190, 13.0551,
12.6998

47.5190, 13.0551,
12.6998

42.8120, 15.3757,
15.0739

52.2260, 10.7346,
10.3258

37.2190, 18.1330,
17.3479

57.8190, 7.9772,
8.0517

32.5120, 20.4536,
19.7220

62.5260, 5.6567,
5.6777

27.2180, 23.0635,
22.6108

67.8200, 3.0467,
2.7889

23.6850, 24.8053,
23.9553

72.5270, 0.7262,
0.4148

■ 77.5330, -1.7418,
-1.3444

■ 82.8270, -4.3517,
-4.2333

■ 87.5340, -6.6723,
-6.6073

■ 92.8280, -9.2822,
-9.4962

Harmonies

Analogous

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



44.1890, 20.1198, -13.3208



47.5190, 13.0551, 12.6998



45.7400, 4.5652, 29.1690

Triad

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



47.5190, 13.0551, 12.6998



43.7900, -21.5885, 17.7242



39.4840, 9.1284, -34.6275

Complementary

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



47.5190, 13.0551, 12.6998



61.4810, -13.0551, -12.6998

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.



36.3890, -0.1918, -31.9132



47.5190, 13.0551, 12.6998



42.2180, -20.8135, 2.4398

Square

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



47.5190, 13.0551, 12.6998



44.2180, -13.9115, 28.7498



38.9150, -11.2971, -16.5885



40.3620, 17.5695, -35.3975

Rectangle

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



47.5190, 13.0551, 12.6998



44.8670, -1.4134, 33.4426



38.9150, -11.2971, -16.5885



38.6860, 6.0708, -33.9276

Sweetspot

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



47.5190, 13.0551, 12.6998



86.1130, 5.3673, 5.1629



46.4900, 13.5624, -10.0767



42.1190, 2.8993, 3.4036



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.



47.5190, 13.0551, 12.6998



55.5120, 20.4536, 19.7220



50.3090, 8.2287, 20.7770



35.3530, 1.3050, 1.4444



32.8570, 34.0875, 33.4514



73.7610, 77.0258, 74.7546

Inverse Universe

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



48.0290, -0.5073, 22.7766



56.4050, -0.6927, 35.6018



58.6910, -8.2287, -20.7770



35.4240, 0.2840, 2.2592



34.0320, -1.4948, 59.6079



76.8640, -2.8910, 134.3003

Previews

White Background



This preview shows how the YUV color 47.5190, 13.0551, 12.6998 looks on a white background.

Color Contrast Check

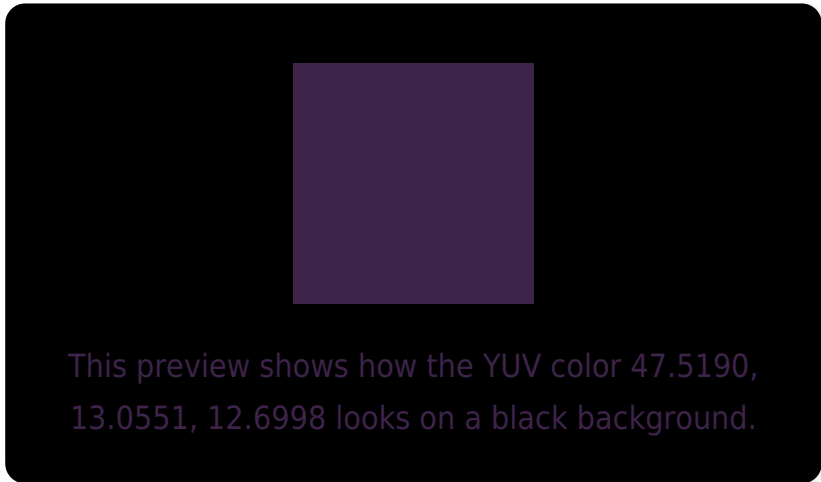
Large Text (above 18pt) WCAG AA ✓ Pass

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

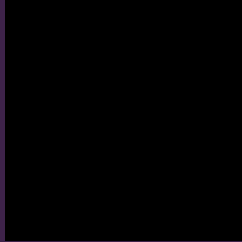
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5190, 13.0551, 12.6998

Background



This preview shows how black text looks on a background with the YUV color 47.5190, 13.0551, 12.6998.



This preview shows how white text looks on a background with the YUV color 47.5190, 13.0551,

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

47.5190, 13.0551, 12.6998

Protanopia

44.3630, 19.5410, -14.3504

Deuteranopia

45.0770, 13.2730, -10.5915



Tritanopia

47.1260, -1.0481, 9.5365

Trichromacy



Original Color

47.5190, 13.0551, 12.6998

Protanomaly

45.1470, 17.1825, -4.5139

Deuteranomaly

46.1320, 13.2459, -1.8698

Tritanomaly

46.9180, 4.4774, 10.5959

Monochromacy



Original Color

47.5190, 13.0551, 12.6998

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.5860, 4.6411, 4.7481

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5190, 13.0551, 12.6998 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(62, 35, 74)` looks like.

```
.text, #text, p{  
    color:rgb(62, 35, 74)  
}
```

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(62, 35, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 35, 74) }
```

Border

The CSS property to change the border of an element to YUV 47.5190, 13.0551, 12.6998 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(62, 35, 74) }
```


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

```
.border{ border-color:rgb(62, 35, 74) }
```

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

Here you see how a box with a 4 pixel rgb(62, 35, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 35, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 35, 74);  
box-shadow:4px 4px 4px 4px rgb(62, 35, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.5190, 13.0551, 12.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 35, 74) }
```

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

```
.background{ background-color: rgb(62, 35,  
74) }
```

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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