

Converting Colors

YUV(46.7040, 12.4709, 13.4146)

Have a look what the booklet for
YUV(46.7040, 12.4709, 13.4146)
contains.

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Color

**YUV(46.7040, 12.4709,
13.4146)**

Conversions

Conversions Part 1

Format	Color
Hex	3E2248
RGB	62, 34, 72
RGB Percent	24%, 13%, 28%
CMY	0.7569, 0.8667, 0.7176
CMYK	0.14, 0.53, 0.00, 0.72
HSL	284°, 36%, 21%
HSV	284°, 53%, 28%
XYZ	3.7283, 2.6361, 6.4432
YIQ	46.7040, 4.4900, 17.7540

Conversions

Conversions Part 2

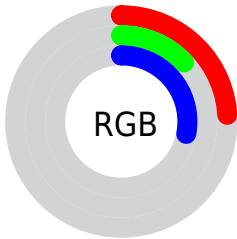
Format	Color
R_{YB}	62, 34, 72
Decimal	4072008
CIE _{Lab}	18.52, 21.08, -18.41
CIE _{LCh}	19, 27.991, 318.863
Yxy	2.6361, 0.2911, 0.2058
Android (android.graphics.Color)	4282262088 (0xFF3E2248)
YUV	46.7040, 12.4709, 13.4146
Hunter-Lab	16.2360, 12.5767, -12.1639

Details

The YUV color **46.7040, 12.4709, 13.4146** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **59.2960, -12.4709, -13.4146**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.3560, 13.6285, 15.4738**, and **8.6880, 10.0138, 8.1666** is the 20% darker color. If you saturate the color by 10%, you get **41.9970, 14.7915, 15.7886**, and if you desaturate by 10%, it is **51.4110, 10.1504, 11.0406**.

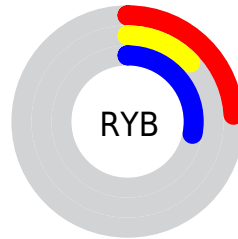
Distribution



Red (24%)

Green (13%)

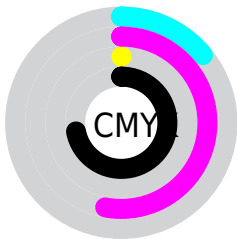
Blue (28%)



Red (24%)

Yellow (13%)

Blue (28%)

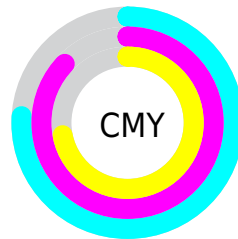


Cyan (14%)

Magenta (53%)

Yellow (0%)

Black (72%)



Cyan (76%)

Magenta (87%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.7040, 12.4709, 13.4146 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 46.7040, 12.4709, 13.4146 by changing the saturation by 10% instead.

■ 46.7040, 12.4709,
13.4146

■ 46.7040, 12.4709,
13.4146

■ 255.0000, 0.0000,
0.0000

■ 24.8780, 11.8921,
12.3850

■ 93.3560, 13.6285,
15.4738

■ 8.6880, 10.0138,
8.1666

■ 118.4700, 14.0653,
15.3738

■ 0.0000, 0.0000,
0.0000

■ 144.1820, 14.2073,
16.5034

■ 170.7090, 14.9335,
16.9182

■ 198.1220, 15.2229,
17.4330

■ 226.1930, 14.2019,

18.2477

245.0210, 4.9196,
8.7516

46.7040, 12.4709,
13.4146

46.7040, 12.4709,
13.4146

41.9970, 14.7915,
15.7886

51.4110, 10.1504,
11.0406

37.2900, 17.1120,
18.1627

56.1180, 7.8298,
8.6665

31.9960, 19.7220,
21.0515

61.4120, 5.2199,
5.7777

27.2890, 22.0425,
23.4255

66.1190, 2.8993,
3.4036

24.0550, 23.6369,
25.3848

70.5270, 0.7262,
0.4148

■ 75.2340, -1.5944,
-1.9592

■ 79.9410, -3.9149,
-4.3333

■ 85.2350, -6.5249,
-7.2221

■ 89.9420, -8.8454,
-9.5961

Harmonies

Analogous

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



43.7870, 19.8250, -12.0912



46.7040, 12.4709, 13.4146



45.3270, 4.2758, 28.6542

Triad

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



46.7040, 12.4709, 13.4146



42.6050, -21.0043, 17.0094



38.8970, 9.4178, -34.1127

Complementary

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



46.7040, 12.4709, 13.4146



59.2960, -12.4709, -13.4146

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.



35.9160, 0.5344, -31.4983



46.7040, 12.4709, 13.4146



41.3320, -20.3767, 2.3398

Square

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



46.7040, 12.4709, 13.4146



43.5060, -14.0535, 27.6202



37.8440, -10.2761, -17.4032



39.6610, 17.4221, -34.7827

Rectangle

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



46.7040, 12.4709, 13.4146



43.7530, -1.8502, 33.5426



37.8440, -10.2761, -17.4032



38.0990, 6.3602, -33.4128

Sweetspot

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



46.7040, 12.4709, 13.4146



83.9990, 4.9305, 5.2629



44.2020, 13.7044, -8.9472



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.



46.7040, 12.4709, 13.4146



54.8820, 19.2852, 21.1515



48.6680, 7.0657, 20.4622



33.3530, 1.3050, 1.4444



33.1130, 32.4823, 34.9809



75.8110, 74.5362, 79.9728

Inverse Universe

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



46.5020, -1.2335, 22.3617



54.4650, -1.7082, 34.6722



57.3320, -7.0657, -20.4622



33.3100, -0.1528, 2.3591



32.5650, -3.2365, 58.2635



74.7130, -7.2535, 133.5557

Previews

White Background



This preview shows how the YUV color 46.7040, 12.4709, 13.4146 looks on a white background.

Color Contrast Check

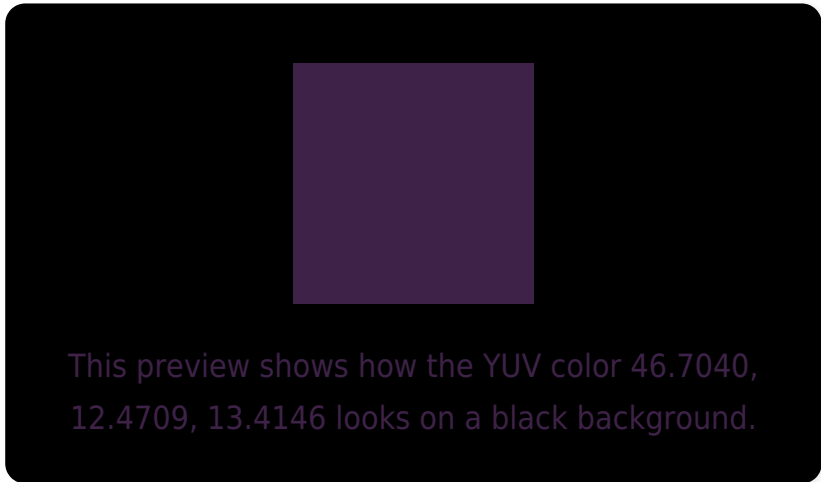
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.7040, 12.4709, 13.4146

Background



This preview shows how black text looks on a background with the YUV color 46.7040, 12.4709, 13.4146.



This preview shows how white text looks on a background with the YUV color 46.7040, 12.4709,

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

46.7040, 12.4709, 13.4146

Protanopia

43.5480, 18.9568, -13.6356

Deuteranopia

45.1480, 12.2520, -9.7768



Tritanopia

46.4250, -1.1955, 10.1513

Trichromacy



Original Color

46.7040, 12.4709, 13.4146

Protanomaly

44.3320, 16.5983, -3.7992

Deuteranomaly

45.9040, 12.3723, -1.6698

Tritanomaly

46.1030, 3.8932, 11.3107

Monochromacy



Original Color

46.7040, 12.4709, 13.4146

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.5860, 4.6411, 4.7481

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.7040, 12.4709, 13.4146 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, 34, 72)` looks like.

```
.text, #text, p{  
    color:rgb(62, 34, 72)  
}
```

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, 34, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 34, 72) }
```

Border

The CSS property to change the border of an element to YUV 46.7040, 12.4709, 13.4146 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, 34, 72) }
```


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

```
.border{ border-color:rgb(62, 34, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 34, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 34, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 34, 72);  
box-shadow:4px 4px 4px 4px rgb(62, 34, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.7040, 12.4709, 13.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 34, 72) }
```

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

```
.background{ background-color: rgb(62, 34,  
72) }
```

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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