

Converting Colors

YUV(46.2690, 12.1924, 9.4111)

Have a look what the booklet for
YUV(46.2690, 12.1924, 9.4111)
contains.

YUV(46.2690, 12.1924, 9.4111)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(46.2690, 12.1924,
9.4111)**

Conversions

Conversions Part 1

Format	Color
Hex	392447
RGB	57, 36, 71
RGB Percent	22%, 14%, 28%
CMY	0.7765, 0.8588, 0.7216
CMYK	0.20, 0.49, 0.00, 0.72
HSL	276°, 33%, 21%
HSV	276°, 49%, 28%
XYZ	3.4555, 2.5865, 6.2784
YIQ	46.2690, 1.2810, 15.3370

Conversions

Conversions Part 2

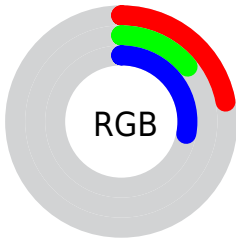
Format	Color
R_{YB}	57, 36, 71
Decimal	3744839
CIE _{Lab}	18.31, 17.77, -18.12
CIE _{LCh}	18, 25.379, 314.443
Yxy	2.5865, 0.2805, 0.2099
Android (android.graphics.Color)	4281934919 (0xFF392447)
YUV	46.2690, 12.1924, 9.4111
Hunter-Lab	16.0827, 10.2079, -11.8877

Details

The YUV color **46.2690, 12.1924, 9.4111** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **60.7310, -12.1924, -9.4111**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.6220, 13.4974, 10.8555**, and **6.1820, 10.7563, 3.3484** is the 20% darker color. If you saturate the color by 10%, you get **41.2630, 14.6603, 11.1703**, and if you desaturate by 10%, it is **51.2750, 9.7244, 7.6518**.

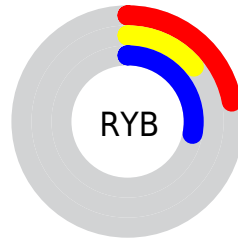
Distribution



Red (22%)

Green (14%)

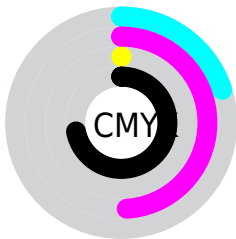
Blue (28%)



Red (22%)

Yellow (14%)

Blue (28%)

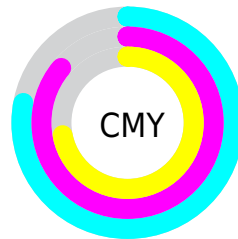


Cyan (20%)

Magenta (49%)

Yellow (0%)

Black (72%)



Cyan (78%)

Magenta (86%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.2690, 12.1924, 9.4111 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 46.2690, 12.1924, 9.4111 by changing the saturation by 10% instead.

■ 46.2690, 12.1924,
9.4111

■ 46.2690, 12.1924,
9.4111

■ 255.0000, 0.0000,
0.0000

■ 24.7420, 11.4662,
8.9963

■ 92.6220, 13.4974,
10.8555

■ 6.1820, 10.7563,
3.3484

■ 117.0350, 13.7867,
11.3703

■ 0.0000, 0.0000,
0.0000

■ 143.4480, 14.0761,
11.8851

■ 169.8610, 14.3655,
12.3999

■ 197.2740, 14.6549,
12.9147

■ 225.2740, 14.6549,

12.9147

246.1950, 4.3409,
7.7220

46.2690, 12.1924,
9.4111

46.2690, 12.1924,
9.4111

41.2630, 14.6603,
11.1703

51.2750, 9.7244,
7.6518

36.2570, 17.1283,
12.9296

56.2810, 7.2565,
5.8926

31.2510, 19.5963,
14.6889

61.2870, 4.7885,
4.1333

26.5440, 21.9168,
17.0629

65.9940, 2.4680,
1.7593

20.9510, 24.6742,
19.3370

71.5870, -0.2894,
-0.5148

■ 76.5930, -2.7573,
-2.2741

■ 81.5990, -5.2253,
-4.0333

■ 86.6050, -7.6933,
-5.7926

■ 91.6110, -10.1612,
-7.5518

Harmonies

Analogous

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



43.0210, 18.2306, -14.0504



46.2690, 12.1924, 9.4111



45.1200, 4.8708, 24.4508

Triad

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



46.2690, 12.1924, 9.4111



42.8870, -18.6783, 17.6391



37.7400, 7.5232, -33.0980

Complementary

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



46.2690, 12.1924, 9.4111



60.7310, -12.1924, -9.4111

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.



34.9870, -0.4866, -30.6836



46.2690, 12.1924, 9.4111



41.2120, -18.3455, 4.1991

Square

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



46.2690, 12.1924, 9.4111



43.7770, -11.7221, 26.5056



39.3500, -11.0186, -12.5850



39.0910, 15.2381, -34.2828

Rectangle

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



46.2690, 12.1924, 9.4111



44.6600, -0.8184, 29.2392



39.3500, -11.0186, -12.5850



37.0560, 4.9024, -32.4981

Sweetspot

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



46.2690, 12.1924, 9.4111



81.9880, 4.9359, 3.5185



48.2080, 11.2365, -10.7064



40.4070, 2.7573, 2.2741



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



46.2690, 12.1924, 9.4111



53.7240, 18.8701, 14.2741



50.1130, 8.8183, 18.3179



33.0540, 1.4524, 0.8296



29.2260, 34.3986, 26.9888



66.5420, 79.1058, 60.9147

Inverse Universe

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



48.0610, 0.9559, 20.1175



56.5400, 1.2128, 31.0984



56.8870, -8.8183, -18.3179



33.4240, 0.2840, 2.2592



34.1610, 2.8786, 56.8638



78.2470, 6.2872, 130.4564

Previews

White Background



This preview shows how the YUV color 46.2690, 12.1924, 9.4111 looks on a white background.

Color Contrast Check

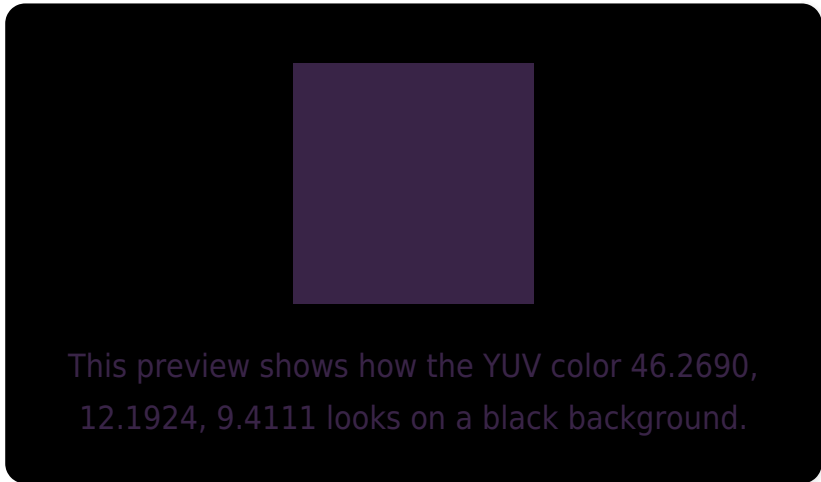
Large Text (above 18pt) WCAG AA ✓ Pass

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

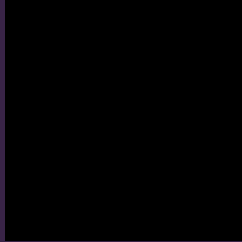
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.2690, 12.1924, 9.4111

Background



This preview shows how black text looks on a background with the YUV color 46.2690, 12.1924, 9.4111.



This preview shows how white text looks on a background with the YUV color 46.2690, 12.1924,

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

46.2690, 12.1924, 9.4111

Protanopia

43.6900, 16.9148, -12.0061

Deuteranopia

44.1480, 12.2520, -9.7768



Tritanopia

45.6310, -0.3111, 6.4626

Trichromacy



Original Color

46.2690, 12.1924, 9.4111

Protanomaly

44.5770, 14.9985, -4.0140

Deuteranomaly

45.1920, 12.2303, -2.7994

Tritanomaly

45.7820, 4.0515, 7.2072

Monochromacy



Original Color

46.2690, 12.1924, 9.4111

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.8740, 4.4991, 3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.2690, 12.1924, 9.4111 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(57, 36, 71)` looks like.

```
.text, #text, p{  
    color:rgb(57, 36, 71)  
}
```

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(57, 36, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 36, 71) }
```

Border

The CSS property to change the border of an element to YUV 46.2690, 12.1924, 9.4111 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(57, 36, 71) }
```


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

```
.border{ border-color:rgb(57, 36, 71) }
```

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

Here you see how a box with a 4 pixel rgb(57, 36, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 36, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 36, 71);  
box-shadow:4px 4px 4px 4px rgb(57, 36, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.2690, 12.1924, 9.4111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 36, 71) }
```

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

```
.background{ background-color: rgb(57, 36,  
71) }
```

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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