

Converting Colors

YUV(72.4410, -12.5424,
-37.2208)

Have a look what the booklet for
YUV(72.4410, -12.5424, -37.2208)
contains.

YUV(72.4410, -12.5424, -37.2208)	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(72.4410, -12.5424,
-37.2208)**

Conversions

Conversions Part 1

Format	Color
Hex	1E632F
RGB	30, 99, 47
RGB Percent	12%, 39%, 18%
CMY	0.8824, 0.6118, 0.8157
CMYK	0.70, 0.00, 0.53, 0.61
HSL	135°, 53%, 25%
HSV	135°, 70%, 39%
XYZ	5.5104, 9.4049, 4.2142
YIQ	72.4410, -24.4320, -30.8000

Conversions

Conversions Part 2

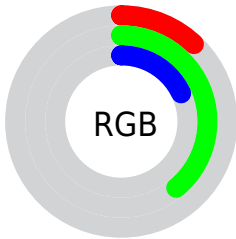
Format	Color
R_{YB}	30, 85, 99
Decimal	1991471
CIE _{Lab}	36.75, -33.87, 23.30
CIE _{LCh}	37, 41.107, 145.471
Yxy	9.4049, 0.2881, 0.4916
Android (android.graphics.Color)	4280181551 (0xFF1E632F)
YUV	72.4410, -12.5424, -37.2208
Hunter-Lab	30.6675, -21.5951, 13.3198

Details

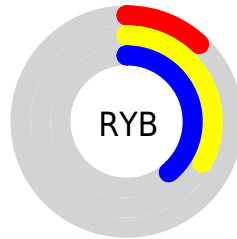
The YUV color **72.4410, -12.5424, -37.2208** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **56.5590, 12.5424, 37.2208**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4690, -15.0212, -35.4913**, and **29.9370, -14.7589, -26.2547** is the 20% darker color. If you saturate the color by 10%, you get **68.6530, -14.1259, -42.6687**, and if you desaturate by 10%, it is **76.2290, -10.9589, -31.7728**.

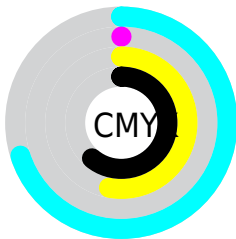
Distribution



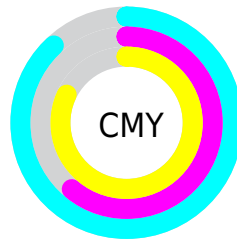
- Red (12%)
- Green (39%)
- Blue (18%)



- Red (12%)
- Yellow (33%)
- Blue (39%)



- Cyan (70%)
- Magenta (0%)
- Yellow (53%)
- Black (61%)



- Cyan (88%)
- Magenta (61%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.4410, -12.5424, -37.2208 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 72.4410, -12.5424, -37.2208 by changing the saturation by 10% instead.

■ 72.4410, -12.5424,
-37.2208

■ 72.4410, -12.5424,
-37.2208

255.0000, 0.0000,
0.0000

■ 46.8750, -10.7844,
-41.1094

■ 124.4690,
-15.0212, -35.4913

■ 29.9370, -14.7589,
-26.2547

■ 150.9420,
-15.7474, -35.9061

■ 18.1970, -8.9711,
-15.9588

■ 177.8280,
-16.1842, -35.8062

■ 0.0000, 0.0000,
0.0000

■ 206.0020,
-16.7630, -36.8358

■ 229.7790,
-15.1740, -33.1322

■ 241.3430, -7.0711,

-18.7178

253.2060, 0.8844,
-3.6887

72.4410, -12.5424,
-37.2208

72.4410, -12.5424,
-37.2208

68.6530, -14.1259,
-42.6687

76.2290, -10.9589,
-31.7728

64.7510, -16.1462,
-48.0166

80.1310, -8.9386,
-26.4249

60.9630, -17.7298,
-53.4646

83.9190, -7.3551,
-20.9770

60.8490, -18.1666,
-53.3646

87.8210, -5.3348,
-15.6290

91.6090, -3.7512,
-10.1811

■ 95.2120, -1.5835,
-5.4479

■ 99.0000, 0.0000,
0.0000

■ 102.9020, 2.0203,
5.3479

■ 106.6900, 3.6038,
10.7959

Harmonies

Analogous

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



79.5950, -29.3803, -3.1528



72.4410, -12.5424, -37.2208



68.9940, 5.4260, -60.5077

Triad

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



72.4410, -12.5424, -37.2208



71.3320, 39.7693, -62.5582



84.2410, -11.9508, 53.2856

Complementary

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



72.4410, -12.5424, -37.2208



56.5590, 12.5424, 37.2208

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.



85.6440, 3.6265, 50.3012



72.4410, -12.5424, -37.2208



86.9260, 29.1235, -7.8281

Square

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



72.4410, -12.5424, -37.2208



74.0730, 32.5020, -64.9620



88.7690, 17.3689, 29.1436



84.2060, -25.7376, 41.9153

Rectangle

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



72.4410, -12.5424, -37.2208



71.6160, 15.4723, -62.8072



88.7690, 17.3689, 29.1436



84.9190, -6.8621, 54.4450

Sweetspot

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



72.4410, -12.5424, -37.2208



117.5330, -5.1928, -14.4994



86.3500, -27.7806, -2.9380



57.8480, -2.8831, -8.6367



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



72.4410, -12.5424, -37.2208



86.4740, -19.4607, -58.2977



76.3170, 2.3087, -40.6200



46.4620, -0.7208, -2.1592



68.9360, -20.1814, -60.4569



147.6060, -43.6828, -129.4505

Inverse Universe

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



56.5590, 12.5424, 37.2208



61.5260, 19.4607, 58.2977



52.6830, -2.3087, 40.6200



45.5380, 0.7208, 2.1592



43.1780, 20.6182, 60.3569



92.3940, 43.6828, 129.4505

Previews

White Background



This preview shows how the YUV color 72.4410, -12.5424, -37.2208 looks on a white background.

Color Contrast Check

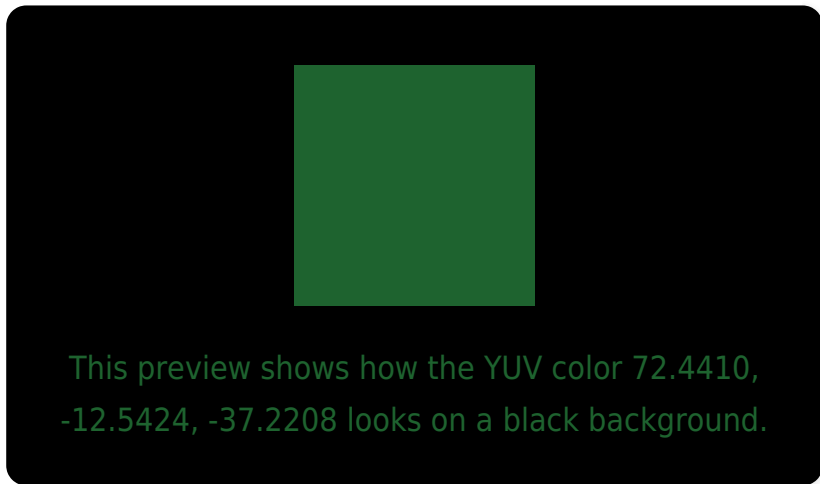
Large Text (above 18pt) WCAG AA ✓ Pass

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

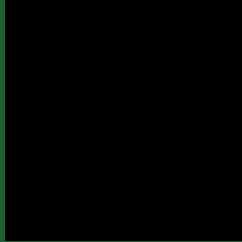
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.4410, -12.5424, -37.2208

Background



This preview shows how black text looks on a background with the YUV color 72.4410, -12.5424, -37.2208.



This preview shows how white text looks on a background with the YUV color 72.4410, -12.5424, -37.2208.

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

72.4410, -12.5424, -37.2208

Protanopia

83.7890, -20.1090, 9.8320

Deuteranopia

85.3430, -16.9311, 17.2392



Tritanopia

80.1580, 10.2751, -29.0796

Trichromacy



Original Color

72.4410, -12.5424, -37.2208

Protanomaly

79.6620, -17.5814, -7.5966

Deuteranomaly

80.6780, -15.1243, -2.3486

Tritanomaly

77.2580, 1.8448, -31.7983

Monochromacy



Original Color

72.4410, -12.5424, -37.2208

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.3590, -4.6140, -13.4698

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.4410, -12.5424, -37.2208 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(30, 99, 47)` looks like.

```
.text, #text, p{  
    color:rgb(30, 99, 47)  
}
```

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(30, 99, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 99, 47) }
```

Border

The CSS property to change the border of an element to YUV 72.4410, -12.5424, -37.2208 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(30, 99, 47) }
```


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

```
.border{ border-color:rgb(30, 99, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 99, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 99, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 99, 47);  
box-shadow:4px 4px 4px 4px rgb(30, 99, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.4410, -12.5424, -37.2208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 99, 47) }
```

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

```
.background{ background-color: rgb(30, 99,  
47) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor