

Converting Colors

YUV(42.6410, -8.6970, 36.2718)

Have a look what the booklet for
YUV(42.6410, -8.6970, 36.2718)
contains.

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Color

**YUV(42.6410, -8.6970,
36.2718)**

Conversions

Conversions Part 1

Format	Color
Hex	541919
RGB	84, 25, 25
RGB Percent	33%, 10%, 10%
CMY	0.6706, 0.9020, 0.9020
CMYK	0.00, 0.70, 0.70, 0.67
HSL	0°, 54%, 21%
HSV	0°, 70%, 33%
XYZ	4.1793, 2.6503, 1.2110
YIQ	42.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

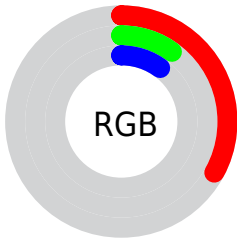
Format	Color
RYB	84, 25, 25
Decimal	5511449
CIELab	18.59, 27.40, 14.99
CIELCh	19, 31.234, 28.672
Yxy	2.6503, 0.5198, 0.3296
Android (android.graphics.Color)	4283701529 (0xFF541919)
YUV	42.6410, -8.6970, 36.2718
Hunter-Lab	16.2796, 17.3346, 6.9854

Details

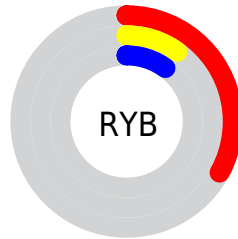
The YUV color **42.6410, -8.6970, 36.2718** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.3590, 8.6970, -36.2718**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.2780, -11.4761, 40.9752**, and **10.5790, -4.7224, 21.4172** is the 20% darker color. If you saturate the color by 10%, you get **37.0330, -9.8763, 41.1901**, and if you desaturate by 10%, it is **48.2490, -7.5178, 31.3536**.

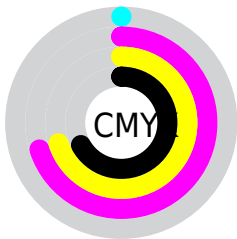
Distribution



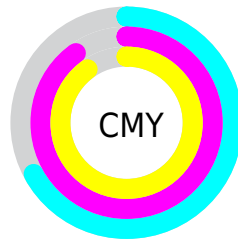
- Red (33%)
- Green (10%)
- Blue (10%)



- Red (33%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (67%)



- Cyan (67%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.6410, -8.6970, 36.2718 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 42.6410, -8.6970, 36.2718 by changing the saturation by 10% instead.

■ 42.6410, -8.6970,
36.2718

■ 42.6410, -8.6970,
36.2718

■ 254.6580, -1.3104,
0.2999

■ 18.2280, -8.9864,
35.7570

■ 91.2780, -11.4761,
40.9752

■ 10.5790, -4.7224,
21.4172

■ 116.0610,
-12.3551, 42.9195

■ 0.0000, 0.0000,
0.0000

■ 142.8440,
-13.2341, 44.8638

■ 169.7410,
-13.6763, 46.7081

■ 197.2250,
-14.4079, 48.0377

■ 217.6360,

-11.1595, 32.7682

237.2640, -7.0322,
15.5545

42.6410, -8.6970,
36.2718

42.6410, -8.6970,
36.2718

37.0330, -9.8763,
41.1901

48.2490, -7.5178,
31.3536

30.7240, -11.2029,
46.7231

54.5580, -6.1911,
25.8206

25.1160, -12.3822,
51.6413

60.1660, -5.0118,
20.9024

66.4750, -3.6852,
15.3694

72.0830, -2.5059,
10.4512

■ 77.6910, -1.3267,
5.5330

■ 84.0000, 0.0000,
0.0000

■ 89.6080, 1.1793,
-4.9182

■ 95.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



43.3880, 1.7807, 35.6167



42.6410, -8.6970, 36.2718



42.8990, -20.1632, 27.2756

Triad

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



42.6410, -8.6970, 36.2718



33.9780, -6.8912, -29.7987



38.5500, 25.8579, -33.8083

Complementary

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



42.6410, -8.6970, 36.2718



66.3590, 8.6970, -36.2718

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.



40.6870, 21.3533, -35.6825



42.6410, -8.6970, 36.2718



37.3010, 3.3026, -32.7130

Square

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



42.6410, -8.6970, 36.2718



39.8150, -19.6288, -4.2228



39.8090, 12.9122, -34.9125



45.7280, 19.3611, -3.2695

Rectangle

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



42.6410, -8.6970, 36.2718



43.2030, -21.2991, 18.2390



39.8090, 12.9122, -34.9125



39.6100, 24.8423, -34.7380

Sweetspot

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



42.6410, -8.6970, 36.2718



93.8770, -3.3904, 14.1399



49.3670, 17.0741, 30.3731



46.1860, -2.0637, 8.6069



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



42.6410, -8.6970, 36.2718



45.5080, -13.5614, 56.5595



59.6640, -17.0894, 21.3427



38.1960, -0.5896, 2.4591



31.3950, -15.4777, 64.5516



69.3680, -34.1984, 142.6283

Inverse Universe

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



66.3590, 8.6970, -36.2718



82.4920, 13.5614, -56.5595



48.7490, 17.3787, -20.8279



39.8040, 0.5896, -2.4591



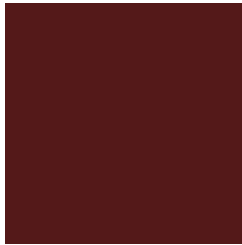
73.6050, 15.4777, -64.5516



162.6320, 34.1984, -142.6283

Previews

White Background



This preview shows how the YUV color 42.6410, -8.6970, 36.2718 looks on a white background.

Color Contrast Check

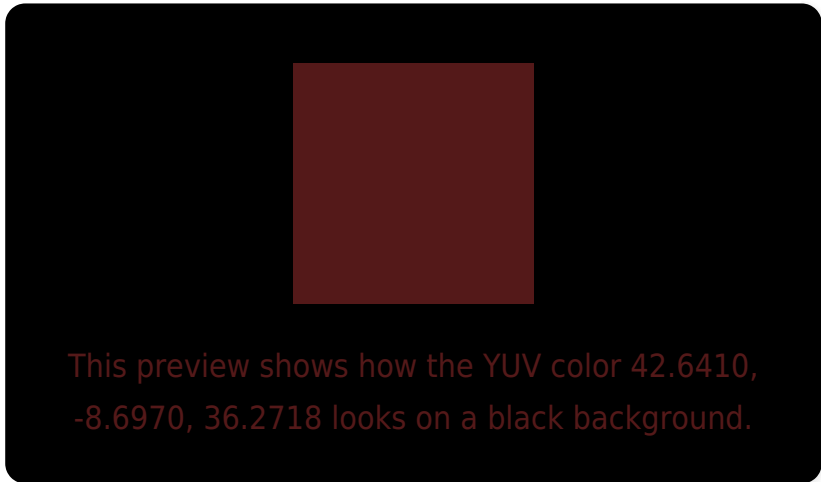
Large Text (above 18pt) WCAG AA ✓ Pass

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

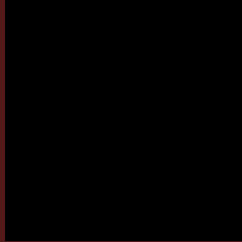
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.6410, -8.6970, 36.2718

Background



This preview shows how black text looks on a background with the YUV color 42.6410, -8.6970, 36.2718.



This preview shows how white text looks on a background with the YUV color 42.6410, -8.6970,

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

42.6410, -8.6970, 36.2718

Protanopia

46.3010, -6.5574, 3.2440

Deuteranopia

46.2650, -11.9626, 10.2916



Tritanopia

42.7550, -8.2602, 36.1719

Trichromacy



Original Color

42.6410, -8.6970, 36.2718

Protanomaly

44.8510, -7.3215, 15.0397

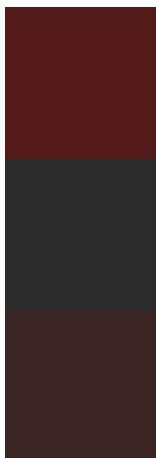
Deuteranomaly

44.9610, -10.8268, 19.3282

Tritanomaly

42.7550, -8.2602, 36.1719

Monochromacy



Original Color

42.6410, -8.6970, 36.2718

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.5780, -3.2430, 13.5251

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.6410, -8.6970, 36.2718 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(84, 25, 25)` looks like.

```
.text, #text, p{  
    color:rgb(84, 25, 25)  
}
```

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(84, 25, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 25, 25) }
```

Border

The CSS property to change the border of an element to YUV 42.6410, -8.6970, 36.2718 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(84, 25, 25) }
```


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

```
.border{ border-color:rgb(84, 25, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 25, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 25, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 25, 25);  
box-shadow:4px 4px 4px 4px rgb(84, 25, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.6410, -8.6970, 36.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 25, 25) }
```

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

```
.background{ background-color: rgb(84, 25,  
25) }
```

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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