

Converting Colors

YUV(44.4730, 2.7248, 12.7402)

Have a look what the booklet for
YUV(44.4730, 2.7248, 12.7402)
contains.

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Color

**YUV(44.4730, 2.7248,
12.7402)**

Conversions

Conversions Part 1

Format	Color
Hex	3B2432
RGB	59, 36, 50
RGB Percent	23%, 14%, 20%
CMY	0.7686, 0.8588, 0.8039
CMYK	0.00, 0.39, 0.15, 0.77
HSL	323°, 24%, 19%
HSV	323°, 39%, 23%
XYZ	3.0102, 2.4218, 3.3264
YIQ	44.4730, 9.2140, 9.2300

Conversions

Conversions Part 2

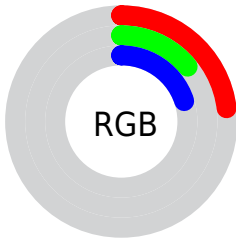
Format	Color
R_{YB}	59, 36, 50
Decimal	3875890
CIE _{Lab}	17.56, 13.53, -4.66
CIE _{LCh}	18, 14.312, 341.007
Yxy	2.4218, 0.3437, 0.2765
Android (android.graphics.Color)	4282065970 (0xFF3B2432)
YUV	44.4730, 2.7248, 12.7402
Hunter-Lab	15.5623, 7.2935, -1.7796

Details

The YUV color **44.4730, 2.7248, 12.7402** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.5270, -2.7248, -12.7402**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.4840, 2.7194, 14.4845**, and **2.2070, -0.5951, 4.2035** is the 20% darker color. If you saturate the color by 10%, you get **40.7230, 3.5876, 16.0289**, and if you desaturate by 10%, it is **48.2230, 1.8621, 9.4514**.

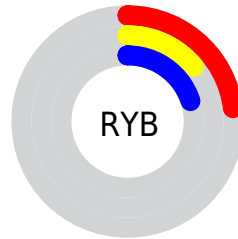
Distribution



Red (23%)

Green (14%)

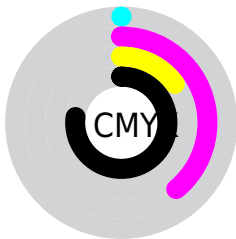
Blue (20%)



Red (23%)

Yellow (14%)

Blue (20%)

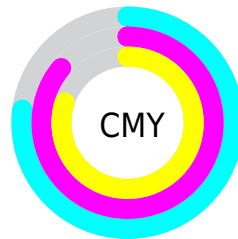


Cyan (0%)

Magenta (39%)

Yellow (15%)

Black (77%)



Cyan (77%)

Magenta (86%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.4730, 2.7248, 12.7402 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 44.4730, 2.7248, 12.7402 by changing the saturation by 10% instead.

■ 44.4730, 2.7248,
12.7402

■ 44.4730, 2.7248,
12.7402

■ 255.0000, 0.0000,
0.0000

■ 23.7610, 2.5828,
11.6106

■ 90.4840, 2.7194,
14.4845

■ 2.2070, -0.5951,
4.2035

■ 114.8970, 3.0088,
14.9993

■ 0.0000, 0.0000,
0.0000

■ 140.3100, 3.2982,
15.5141

■ 167.4950, 2.7140,
16.2289

■ 194.6090, 3.1508,
16.1289

■ 222.3210, 3.2927,

17.2585

246.1950, 4.3409,
7.7220

44.4730, 2.7248,
12.7402

44.4730, 2.7248,
12.7402

40.7230, 3.5876,
16.0289

48.2230, 1.8621,
9.4514

36.8590, 4.0135,
19.4177

52.0870, 1.4361,
6.0627

33.1090, 4.8763,
22.7064

55.8370, 0.5734,
2.7740

29.3590, 5.7390,
25.9952

59.5870, -0.2894,
-0.5148

25.4950, 6.1650,
29.3839

63.4510, -0.7153,
-3.9035

■ 22.3320, 6.7383,
32.1578

■ 66.6140, -1.2887,
-6.6775

■ 21.7450, 7.0277,
32.6726

■ 70.3640, -2.1515,
-9.9662

■ 74.1140, -3.0142,
-13.2550

■ 77.9780, -3.4402,
-16.6437

Harmonies

Analogous

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



44.2700, 7.2619, 4.1482



44.4730, 2.7248, 12.7402



43.9420, -1.9434, 16.7139

Triad

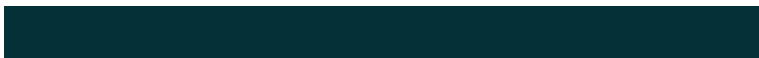
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.4730, 2.7248, 12.7402



42.2040, -9.4676, 3.3291



35.7560, 9.9803, -27.8500

Complementary

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



44.4730, 2.7248, 12.7402



50.5270, -2.7248, -12.7402

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.



36.5130, 5.1701, -25.0059



44.4730, 2.7248, 12.7402



40.5450, -6.6777, -4.8630

Square

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



44.4730, 2.7248, 12.7402



42.9600, -9.3473, 11.4361



38.8580, -1.4090, -14.7845



39.1530, 11.2636, -19.4282

Rectangle

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



44.4730, 2.7248, 12.7402



43.7310, -5.2904, 16.8989



38.8580, -1.4090, -14.7845



35.4140, 8.6699, -27.5501

Sweetspot

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



44.4730, 2.7248, 12.7402



70.6740, 1.1467, 5.5479



41.3130, 8.7197, 3.2335



34.8370, 0.5734, 2.7740



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



44.4730, 2.7248, 12.7402



54.1580, 3.8661, 20.0324



43.2190, -2.0800, 13.8399



29.0110, -0.0054, 1.7444



34.6040, 11.0412, 52.0903



81.7680, 26.2434, 122.9835

Inverse Universe

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



44.4730, 2.7248, 12.7402



54.1580, 3.8661, 20.0324



51.7810, 2.0800, -13.8399



29.0110, -0.0054, 1.7444



34.6040, 11.0412, 52.0903



81.7680, 26.2434, 122.9835

Previews

White Background



This preview shows how the YUV color 44.4730, 2.7248, 12.7402 looks on a white background.

Color Contrast Check

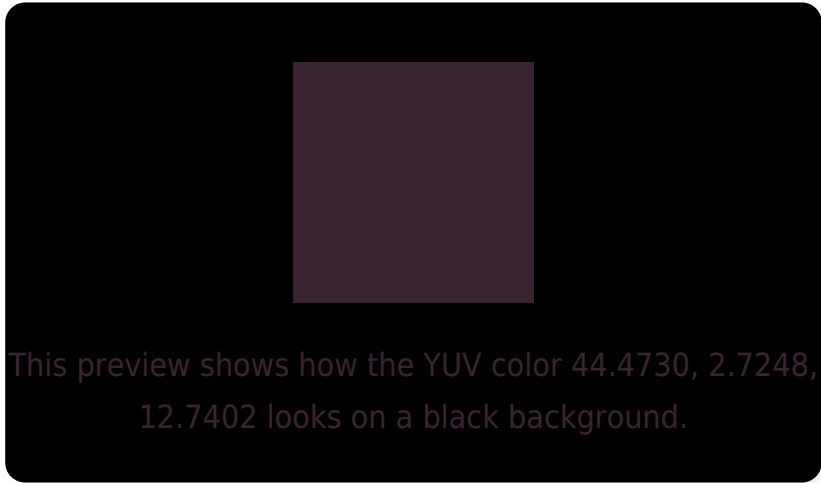
Large Text (above 18pt) WCAG AA ✓ Pass

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

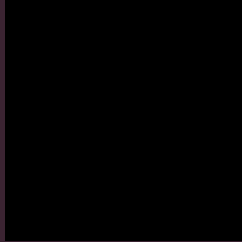
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.4730, 2.7248, 12.7402

Background



This preview shows how black text looks on a background with the YUV color 44.4730, 2.7248, 12.7402.



This preview shows how white text looks on a background with the YUV color 44.4730, 2.7248,

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

44.4730, 2.7248, 12.7402

Protanopia

43.7700, 5.5364, -2.4293

Deuteranopia

43.6950, 2.6154, 1.1445



Tritanopia

44.3220, -1.6377, 11.9956

Trichromacy



Original Color

44.4730, 2.7248, 12.7402

Protanomaly

43.8740, 4.4991, 3.6185

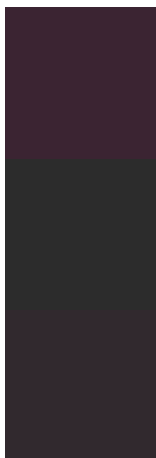
Deuteranomaly

44.0160, 2.4571, 5.2480

Tritanomaly

44.0770, -0.0380, 12.2105

Monochromacy



Original Color

44.4730, 2.7248, 12.7402

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.9620, 1.0047, 4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.4730, 2.7248, 12.7402 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(59, 36, 50)` looks like.

```
.text, #text, p{  
    color:rgb(59, 36, 50)  
}
```

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(59, 36, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 36, 50) }
```

Border

The CSS property to change the border of an element to YUV 44.4730, 2.7248, 12.7402 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(59, 36, 50) }
```


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

```
.border{ border-color:rgb(59, 36, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 36, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 36, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 36, 50);  
box-shadow:4px 4px 4px 4px rgb(59, 36, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.4730, 2.7248, 12.7402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 36, 50) }
```

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

```
.background{ background-color: rgb(59, 36,  
50) }
```

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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