

Converting Colors

YUV(53.4730, 2.7248, 12.7402)

Have a look what the booklet for
YUV(53.4730, 2.7248, 12.7402)
contains.

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Color

**YUV(53.4730, 2.7248,
12.7402)**

Conversions

Conversions Part 1

Format	Color
Hex	442D3B
RGB	68, 45, 59
RGB Percent	27%, 18%, 23%
CMY	0.7333, 0.8235, 0.7686
CMYK	0.00, 0.34, 0.13, 0.73
HSL	323°, 20%, 22%
HSV	323°, 34%, 27%
XYZ	4.1117, 3.4215, 4.5814
YIQ	53.4730, 9.2140, 9.2300

Conversions

Conversions Part 2

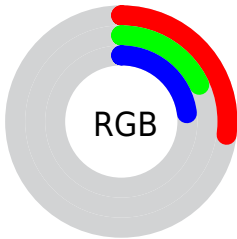
Format	Color
R_{YB}	68, 45, 59
Decimal	4468027
CIE _{Lab}	21.66, 13.20, -4.63
CIE _{LCh}	22, 13.991, 340.656
Yxy	3.4215, 0.3394, 0.2824
Android (android.graphics.Color)	4282658107 (0xFF442D3B)
YUV	53.4730, 2.7248, 12.7402
Hunter-Lab	18.4972, 7.3081, -1.7368

Details

The YUV color **53.4730, 2.7248, 12.7402** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.5270, -2.7248, -12.7402**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.4840, 2.7194, 14.4845**, and **10.0110, 3.4456, 14.8994** is the 20% darker color. If you saturate the color by 10%, you get **49.0220, 3.4402, 16.6437**, and if you desaturate by 10%, it is **57.9240, 2.0095, 8.8367**.

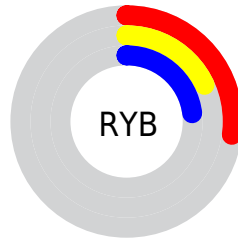
Distribution



Red (27%)

Green (18%)

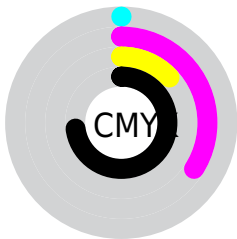
Blue (23%)



Red (27%)

Yellow (18%)

Blue (23%)

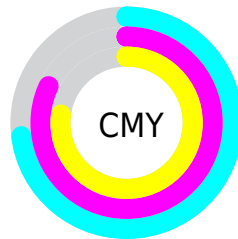


Cyan (0%)

Magenta (34%)

Yellow (13%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.4730, 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 53.4730, 2.7248, 12.7402 by changing the saturation by 10% instead.

■ 53.4730, 2.7248,
12.7402

■ 53.4730, 2.7248,
12.7402

■ 255.0000, 0.0000,
0.0000

■ 31.7610, 2.5828,
11.6106

■ 100.4840, 2.7194,
14.4845

■ 10.0110, 3.4456,
14.8994

■ 125.4840, 2.7194,
14.4845

■ 0.0000, 0.0000,
0.0000

■ 151.1960, 2.8614,
15.6141

■ 178.1960, 2.8614,
15.6141

■ 205.6090, 3.1508,
16.1289

■ 233.9080, 3.0034,

16.7437

253.2390, 0.8682,
1.5444

■ 53.4730, 2.7248,
12.7402

■ 53.4730, 2.7248,
12.7402

■ 49.0220, 3.4402,
16.6437

■ 57.9240, 2.0095,
8.8367

■ 44.6850, 4.5923,
20.4473

■ 62.2610, 0.8573,
5.0331

■ 40.8210, 5.0182,
23.8360

■ 66.1250, 0.4314,
1.6444

■ 36.3700, 5.7336,
27.7395

■ 70.5760, -0.2840,
-2.2592

■ 32.0330, 6.8857,
31.5431

■ 74.9130, -1.4361,
-6.0627

■ 27.5820, 7.6011,
35.4466

■ 79.3640, -2.1515,
-9.9662

■ 25.0060, 7.8850,
37.7057

■ 83.8150, -2.8668,
-13.8698

■ 87.5650, -3.7295,
-17.1585

■ 92.0160, -4.4449,
-21.0620

Harmonies

Analogous

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



53.2700, 7.2619, 4.1482



53.4730, 2.7248, 12.7402



52.9420, -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.



53.4730, 2.7248, 12.7402



50.5030, -9.6150, 3.9439



46.2510, 9.2433, -24.7761

Complementary

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



53.4730, 2.7248, 12.7402



59.5270, -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.



46.5950, 4.1437, -22.4468



53.4730, 2.7248, 12.7402



49.5450, -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.



53.4730, 2.7248, 12.7402



51.9600, -9.3473, 11.4361



48.1570, -1.5564, -14.1697



48.7510, 10.9688, -18.1986

Rectangle

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



53.4730, 2.7248, 12.7402



52.7310, -5.2904, 16.8989



48.1570, -1.5564, -14.1697



45.6100, 8.0803, -25.0910

Sweetspot

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



53.4730, 2.7248, 12.7402



83.3750, 1.2941, 4.9331



50.3130, 8.7197, 3.2335



42.2500, 0.8628, 3.2888



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.



53.4730, 2.7248, 12.7402



66.2720, 4.3029, 19.9325



52.2190, -2.0800, 13.8399



31.1250, 0.4314, 1.6444



35.7290, 11.4726, 53.7347



82.5940, 26.8222, 124.0131

Inverse Universe

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



53.4730, 2.7248, 12.7402



66.2720, 4.3029, 19.9325



60.7810, 2.0800, -13.8399



31.1250, 0.4314, 1.6444



35.7290, 11.4726, 53.7347



82.5940, 26.8222, 124.0131

Previews

White Background



This preview shows how the YUV color 53.4730, 2.7248, 12.7402 looks on a white background.

Color Contrast Check

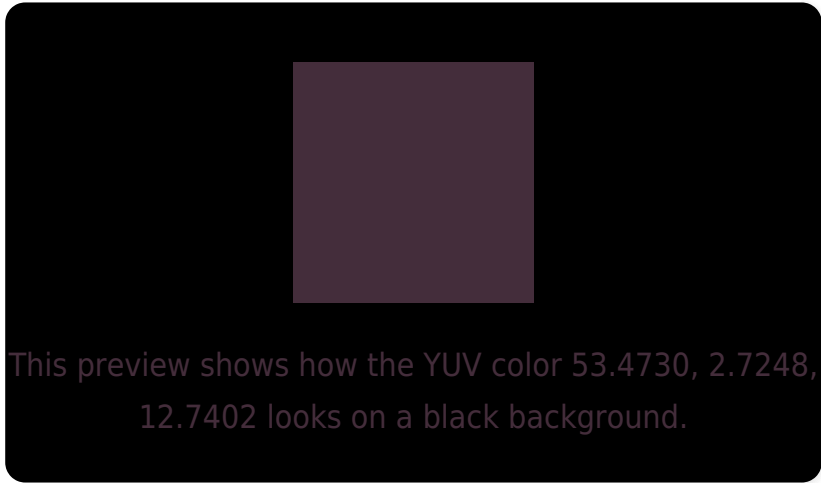
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.4730, 2.7248, 12.7402

Background



This preview shows how black text looks on a background with the YUV color 53.4730, 2.7248, 12.7402.



This preview shows how white text looks on a background with the YUV color 53.4730, 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

53.4730, 2.7248, 12.7402

Protanopia

52.6560, 5.0996, -2.3293

Deuteranopia

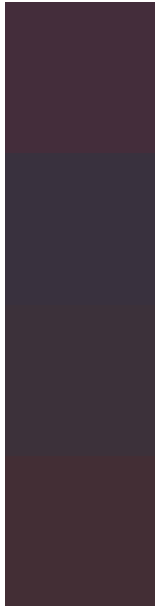
52.9940, 2.4680, 1.7593



Tritanopia

53.3220, -1.6377, 11.9956

Trichromacy



Original Color

53.4730, 2.7248, 12.7402

Protanomaly

52.8740, 4.4991, 3.6185

Deuteranomaly

53.3150, 2.3097, 5.8627

Tritanomaly

53.0770, -0.0380, 12.2105

Monochromacy



Original Color

53.4730, 2.7248, 12.7402

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.9620, 1.0047, 4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.4730, 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(68, 45, 59)` looks like.

```
.text, #text, p{  
    color:rgb(68, 45, 59)  
}
```

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(68, 45, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 45, 59) }
```

Border

The CSS property to change the border of an element to YUV 53.4730, 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(68, 45, 59) }
```


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

```
.border{ border-color:rgb(68, 45, 59) }
```

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

Here you see how a box with a 4 pixel rgb(68, 45, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 45, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 45, 59);  
box-shadow:4px 4px 4px 4px rgb(68, 45, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.4730, 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(68, 45, 59) }
```

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

```
.background{ background-color: rgb(68, 45,  
59) }
```

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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