

Converting Colors

YUV(53.0740, -2.0085, 37.6461)

Have a look what the booklet for
YUV(53.0740, -2.0085, 37.6461)
contains.

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Color

**YUV(53.0740, -2.0085,
37.6461)**

Conversions

Conversions Part 1

Format	Color
Hex	602031
RGB	96, 32, 49
RGB Percent	38%, 13%, 19%
CMY	0.6235, 0.8745, 0.8078
CMYK	0.00, 0.67, 0.49, 0.62
HSL	344°, 50%, 25%
HSV	344°, 67%, 38%
XYZ	5.8948, 3.7416, 3.3172
YIQ	53.0740, 32.6870, 18.8550

Conversions

Conversions Part 2

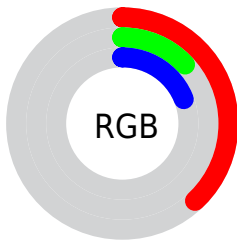
Format	Color
RYB	96, 32, 49
Decimal	6299697
CIELab	22.80, 30.68, 4.43
CIElCh	23, 31.000, 8.213
Yxy	3.7416, 0.4551, 0.2888
Android (android.graphics.Color)	4284489777 (0xFF602031)
YUV	53.0740, -2.0085, 37.6461
Hunter-Lab	19.3431, 20.5468, 3.3723

Details

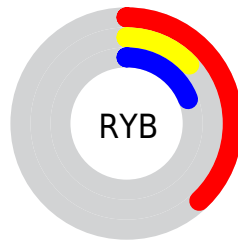
The YUV color **53.0740, -2.0085, 37.6461** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **74.9260, 2.0085, -37.6461**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.6400, -3.7665, 41.5347**, and **14.4660, -6.6387, 29.4093** is the 20% darker color. If you saturate the color by 10%, you get **46.4060, -2.1722, 43.4939**, and if you desaturate by 10%, it is **59.7420, -1.8448, 31.7983**.

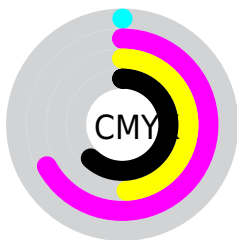
Distribution



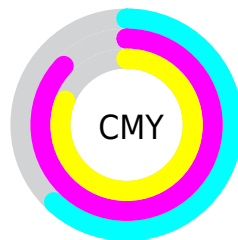
- Red (38%)
- Green (13%)
- Blue (19%)



- Red (38%)
- Yellow (13%)
- Blue (19%)



- Cyan (0%)
- Magenta (67%)
- Yellow (49%)
- Black (62%)



- Cyan (62%)
- Magenta (87%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.0740, -2.0085, 37.6461 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 53.0740, -2.0085, 37.6461 by changing the saturation by 10% instead.

■ 53.0740, -2.0085,
37.6461

■ 53.0740, -2.0085,
37.6461

■ 255.0000, 0.0000,
0.0000

■ 27.6440, 0.1755,
37.1462

■ 102.6400, -3.7665,
41.5347

■ 14.4660, -6.6387,
29.4093

■ 128.2380, -4.0613,
42.7643

■ 0.0000, 0.0000,
0.0000

■ 155.0210, -4.9404,
44.7086

■ 182.0320, -4.9458,
46.4529

■ 207.5260, -4.2033,
41.6347

■ 227.1540, -0.0759,

24.4209

246.7820, 4.0515,
7.2072

53.0740, -2.0085,
37.6461

53.0740, -2.0085,
37.6461

46.4060, -2.1722,
43.4939

59.7420, -1.8448,
31.7983

40.3250, -2.6252,
48.8270

65.8230, -1.3917,
26.4652

33.6570, -2.7889,
54.6748

72.4910, -1.2281,
20.6174

31.6680, -2.7943,
56.4192

78.5720, -0.7750,
15.2844

85.2400, -0.6113,
9.4365

■ 91.9080, -0.4476,
3.5887

■ 97.9890, 0.0054,
-1.7444

■ 104.6570, 0.1691,
-7.5922

■ 110.7380, 0.6222,
-12.9252

Harmonies

Analogous

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



55.3530, 8.2070, 27.7544



53.0740, -2.0085, 37.6461



53.1910, -12.9122, 34.9125

Triad

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



53.0740, -2.0085, 37.6461



48.2810, -16.4075, -10.7704



46.8650, 24.7166, -41.1006

Complementary

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



53.0740, -2.0085, 37.6461



74.9260, 2.0085, -37.6461

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.



47.5030, 17.0070, -41.6601



53.0740, -2.0085, 37.6461



41.6720, -2.7963, -36.5463

Square

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



53.0740, -2.0085, 37.6461



50.4530, -23.8873, 8.3727



44.9950, 7.3975, -39.4606



47.5720, 25.8470, -30.3196

Rectangle

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



53.0740, -2.0085, 37.6461



52.8390, -19.1476, 28.2052



44.9950, 7.3975, -39.4606



47.5830, 22.3906, -41.7303

Sweetspot

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



53.0740, -2.0085, 37.6461



108.2730, -0.6276, 14.6696



53.3490, 21.0269, 22.4959



53.3540, -0.1745, 9.3365



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.



53.0740, -2.0085, 37.6461



57.9780, -2.9472, 58.7783



59.9410, -13.7749, 31.6237



45.3100, -0.1528, 2.3591



36.9080, -3.4056, 65.8557



79.0560, -7.4226, 141.1479

Inverse Universe

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



53.0740, -2.0085, 37.6461



57.9780, -2.9472, 58.7783



68.0590, 13.7749, -31.6237



45.3100, -0.1528, 2.3591



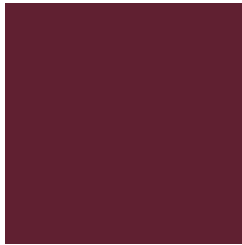
36.9080, -3.4056, 65.8557



79.0560, -7.4226, 141.1479

Previews

White Background



This preview shows how the YUV color 53.0740, -2.0085, 37.6461 looks on a white background.

Color Contrast Check

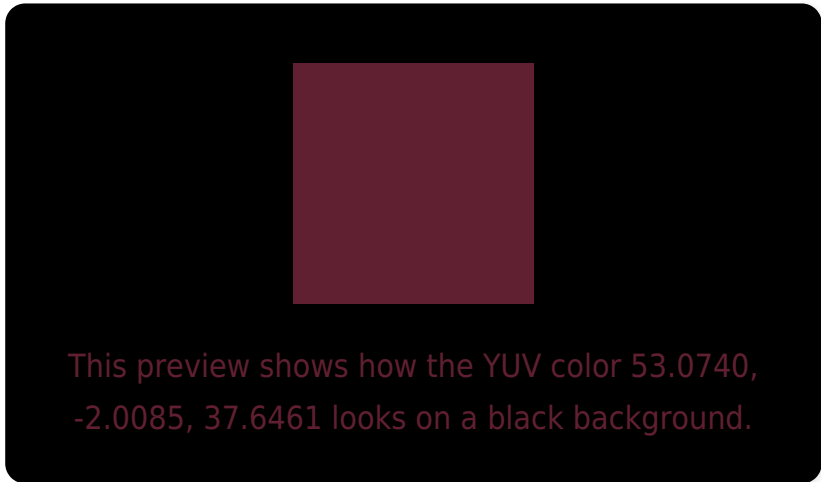
Large Text (above 18pt) WCAG AA ✓ Pass

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

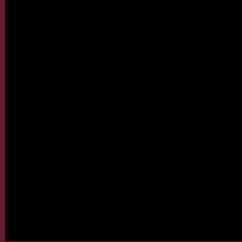
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.0740, -2.0085, 37.6461

Background



This preview shows how black text looks on a background with the YUV color 53.0740, -2.0085, 37.6461.



This preview shows how white text looks on a background with the YUV color 53.0740, -2.0085,

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

53.0740, -2.0085, 37.6461

Protanopia

55.7980, 3.0576, -0.6998

Deuteranopia

55.4910, -4.6791, 7.4624



Tritanopia

53.1680, -7.9708, 36.6867

Trichromacy



Original Color

53.0740, -2.0085, 37.6461

Protanomaly

55.0170, 0.9776, 13.1401

Deuteranomaly

54.4970, -3.6960, 18.8581

Tritanomaly

53.0370, -5.9342, 36.8016

Monochromacy



Original Color

53.0740, -2.0085, 37.6461

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.9740, -0.4802, 14.0548

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.0740, -2.0085, 37.6461 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(96, 32, 49)` looks like.

```
.text, #text, p{  
    color:rgb(96, 32, 49)  
}
```

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(96, 32, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 32, 49) }
```

Border

The CSS property to change the border of an element to YUV 53.0740, -2.0085, 37.6461 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(96, 32, 49) }
```


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

```
.border{ border-color:rgb(96, 32, 49) }
```

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

Here you see how a box with a 4 pixel rgb(96, 32, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 32, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 32, 49);  
box-shadow:4px 4px 4px 4px rgb(96, 32, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.0740, -2.0085, 37.6461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 32, 49) }
```

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

```
.background{ background-color: rgb(96, 32,  
49) }
```

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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