

Converting Colors

YUV(53.2070, 2.8559, 17.3585)

Have a look what the booklet for
YUV(53.2070, 2.8559, 17.3585)
contains.

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Color

**YUV(53.2070, 2.8559,
17.3585)**

Conversions

Conversions Part 1

Format	Color
Hex	492A3B
RGB	73, 42, 59
RGB Percent	29%, 16%, 23%
CMY	0.7137, 0.8353, 0.7686
CMYK	0.00, 0.42, 0.19, 0.71
HSL	327°, 27%, 23%
HSV	327°, 42%, 29%
XYZ	4.3650, 3.3882, 4.5616
YIQ	53.2070, 13.0190, 11.8590

Conversions

Conversions Part 2

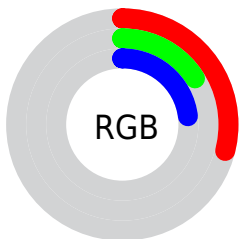
Format	Color
R_{YB}	73, 42, 59
Decimal	4794939
CIE Lab	21.54, 17.26, -4.75
CIE LCh	22, 17.903, 344.630
Yxy	3.3882, 0.3545, 0.2751
Android (android.graphics.Color)	4282985019 (0xFF492A3B)
YUV	53.2070, 2.8559, 17.3585
Hunter-Lab	18.4070, 10.1174, -1.8083




Details

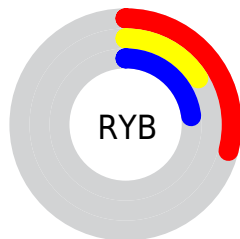
The YUV color **53.2070, 2.8559, 17.3585** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **61.7930, -2.8559, -17.3585**, and the grayscale version is **53.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **100.2180, 2.8505, 19.1028**, and **11.2070, 2.8559, 17.3585** is the 20% darker color. If you saturate the color by 10%, you get **48.7560, 3.5713, 21.2620**, and if you desaturate by 10%, it is **57.6580, 2.1406, 13.4549**.

Distribution







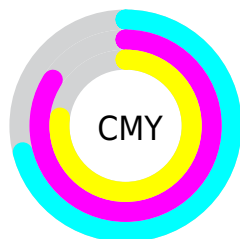
-  Red (29%)
-  Green (16%)
-  Blue (23%)






-  Red (29%)
-  Yellow (16%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (42%)
-  Yellow (19%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (84%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.2070, 2.8559, 17.3585 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 53.2070, 2.8559, 17.3585 by changing the saturation by 10% instead.

■ 53.2070, 2.8559,
17.3585

■ 53.2070, 2.8559,
17.3585

■ 255.0000, 0.0000,
0.0000

■ 31.4950, 2.7140,
16.2289

■ 100.2180, 2.8505,
19.1028

■ 11.2070, 2.8559,
17.3585

■ 125.8160, 2.5557,
20.3324

■ 0.0000, 0.0000,
0.0000

■ 151.2290, 2.8451,
20.8472

■ 178.5280, 2.6977,
21.4619

■ 205.9410, 2.9871,
21.9767

■ 232.7450, 3.5767,

19.5176

250.8910, 2.0257,
3.6036

53.2070, 2.8559,
17.3585

53.2070, 2.8559,
17.3585

48.7560, 3.5713,
21.2620

57.6580, 2.1406,
13.4549

43.6040, 4.1392,
25.7803

62.8100, 1.5727,
8.9366

39.1530, 4.8546,
29.6838

67.2610, 0.8573,
5.0331

34.7020, 5.5699,
33.5873

71.7120, 0.1420,
1.1296

29.6640, 6.5746,
38.0057

76.7500, -0.8627,
-3.2887

■ 26.3870, 6.7112,
40.8796

■ 81.3150, -1.1413,
-7.2923

■ 85.7660, -1.8566,
-11.1958

■ 90.2170, -2.5720,
-15.0993

■ 95.3690, -3.1399,
-19.6176

Harmonies

Analogous

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



53.3350, 8.7088, 6.7222



53.2070, 2.8559, 17.3585



52.3340, -3.1227, 21.6321

Triad

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



53.2070, 2.8559, 17.3585



50.2210, -11.9410, 3.3142



42.0260, 13.7912, -36.8568

Complementary

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



53.2070, 2.8559, 17.3585



61.7930, -2.8559, -17.3585

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.



41.2450, 8.2602, -36.1719



53.2070, 2.8559, 17.3585



48.1810, -7.9772, -8.0517

Square

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



53.2070, 2.8559, 17.3585



50.8740, -12.2629, 13.2655



45.3410, -0.6611, -21.3471



46.4450, 15.0636, -24.9463

Rectangle

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



53.2070, 2.8559, 17.3585



52.1830, -7.4852, 20.8875



45.3410, -0.6611, -21.3471



41.5700, 12.0440, -36.4569

Sweetspot

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



53.2070, 2.8559, 17.3585



86.3860, 1.2887, 6.6775



49.7200, 11.4770, 5.5076



43.5490, 0.7153, 3.9035



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



53.2070, 2.8559, 17.3585



63.4300, 4.7180, 26.8099



51.4970, -3.6960, 18.8581



33.4240, 0.2840, 2.2592



35.8710, 9.4306, 55.3641



82.0090, 20.7016, 127.1571

Inverse Universe

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



53.2070, 2.8559, 17.3585



63.4300, 4.7180, 26.8099



63.5030, 3.6960, -18.8581



33.4240, 0.2840, 2.2592



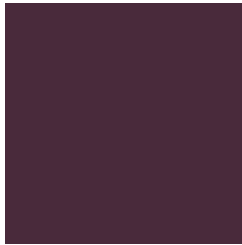
35.8710, 9.4306, 55.3641



82.0090, 20.7016, 127.1571

Previews

White Background



This preview shows how the YUV color 53.2070, 2.8559, 17.3585 looks on a white background.

Color Contrast Check

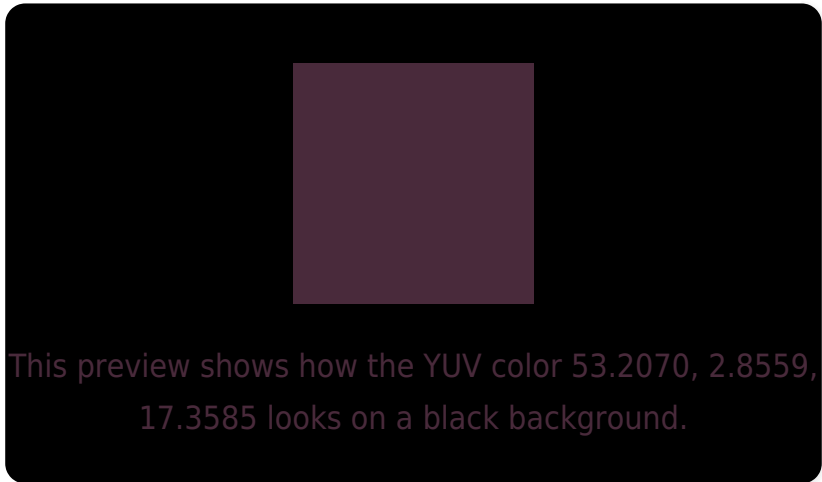
Large Text (above 18pt) WCAG AA ✓ Pass

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

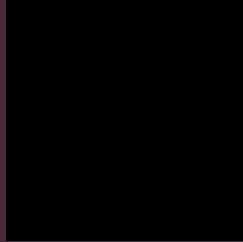
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.2070, 2.8559, 17.3585

Background



This preview shows how black text looks on a background with the YUV color 53.2070, 2.8559, 17.3585.



This preview shows how white text looks on a background with the YUV color 53.2070, 2.8559,

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

53.2070, 2.8559, 17.3585

Protanopia

52.5850, 6.1206, -3.1440

Deuteranopia

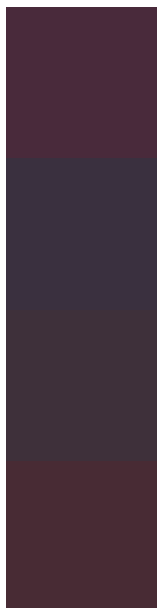
52.8800, 2.0312, 1.8592



Tritanopia

52.8280, -2.3802, 16.8138

Trichromacy



Original Color

53.2070, 2.8559, 17.3585

Protanomaly

52.7000, 5.0779, 4.6481

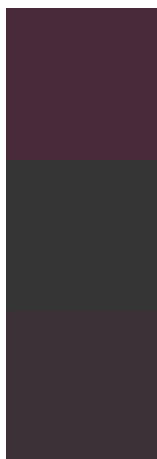
Deuteranomaly

53.3260, 2.3043, 7.6071

Tritanomaly

52.6970, -0.3436, 16.9287

Monochromacy



Original Color

53.2070, 2.8559, 17.3585

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.9730, 0.9993, 6.1627

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.2070, 2.8559, 17.3585 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(73, 42, 59)` looks like.

```
.text, #text, p{  
    color:rgb(73, 42, 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(73, 42, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 42, 59) }
```

Border

The CSS property to change the border of an element to YUV 53.2070, 2.8559, 17.3585 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(73, 42, 59) }
```


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

```
.border{ border-color:rgb(73, 42, 59) }
```

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

Here you see how a box with a 4 pixel rgb(73, 42, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 42, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 42, 59);  
box-shadow:4px 4px 4px 4px rgb(73, 42, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.2070, 2.8559, 17.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 42, 59) }
```

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

```
.background{ background-color: rgb(73, 42,  
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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