

Converting Colors

YUV(53.0700, -19.2615,
64.8366)

Have a look what the booklet for
YUV(53.0700, -19.2615, 64.8366)
contains.

YUV(53.0700, -19.2615, 64.8366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(53.0700, -19.2615,
64.8366)**

Conversions

Conversions Part 1

Format	Color
Hex	7F170E
RGB	127, 23, 14
RGB Percent	50%, 9%, 5%
CMY	0.5020, 0.9098, 0.9451
CMYK	0.00, 0.82, 0.89, 0.50
HSL	5°, 80%, 28%
HSV	5°, 89%, 50%
XYZ	9.1381, 5.1565, 0.9291
YIQ	53.0700, 64.8730, 19.2490

Conversions

Conversions Part 2

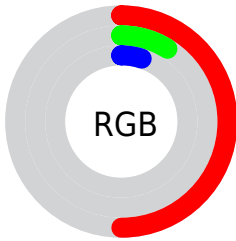
Format	Color
R_{YB}	127, 24, 14
Decimal	8328974
CIE _{Lab}	27.18, 42.95, 33.57
CIE _{LCh}	27, 54.512, 38.006
Yxy	5.1565, 0.6003, 0.3387
Android (android.graphics.Color)	4286519054 (0xFF7F170E)
YUV	53.0700, -19.2615, 64.8366
Hunter-Lab	22.7080, 32.0923, 13.4696

Details

The YUV color **53.0700, -19.2615, 64.8366** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **87.9300, 19.2615, -64.8366**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.7240, -24.5139, 69.5251**, and **20.6310, -10.1711, 42.4196** is the 20% darker color. If you saturate the color by 10%, you get **44.5440, -21.4672, 72.3139**, and if you desaturate by 10%, it is **61.5960, -17.0558, 57.3593**.

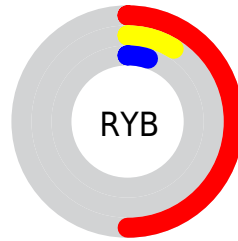
Distribution



Red (50%)

Green (9%)

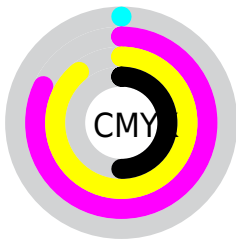
Blue (5%)



Red (50%)

Yellow (9%)

Blue (5%)

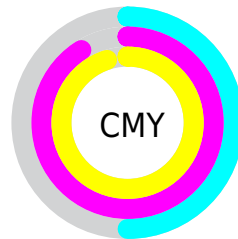


Cyan (0%)

Magenta (82%)

Yellow (89%)

Black (50%)



Cyan (50%)

Magenta (91%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.0700, -19.2615, 64.8366 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 53.0700, -19.2615, 64.8366 by changing the saturation by 10% instead.

■ 53.0700, -19.2615,
64.8366

■ 53.0700, -19.2615,
64.8366

■ 253.2900, -6.5520,
1.4997

■ 29.3020, -14.4459,
60.2481

■ 107.7240,
-24.5139, 69.5251

■ 20.6310, -10.1711,
42.4196

■ 134.5780,
-26.4140, 72.2841

■ 12.9710, -5.9017,
26.3354

■ 162.5460,
-27.8772, 74.9432


■ 0.0000, 0.0000,
0.0000


■ 183.3380,
-25.8026, 62.8476


■ 202.7380,
-22.5488, 45.8338


■ 222.2520,


-18.8582, 28.7200


 242.4670,
-15.0202, 10.9914


 53.0700, -19.2615,
64.8366


 53.0700, -19.2615,
64.8366


 44.5440, -21.4672,
72.3139


 61.5960, -17.0558,
57.3593

 43.8430, -21.6146,
72.9287

 69.4210, -14.9976,
50.4968

 77.9470, -12.7919,
43.0195

 86.4730, -10.5862,
35.5422

 94.4120, -8.0911,
28.5797

■ 102.8240, -6.3222,
21.2024

■ 111.3500, -4.1166,
13.7250

■ 119.8760, -1.9109,
6.2477

■ 127.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



46.6350, 4.1239, 77.4961



53.0700, -19.2615, 64.8366



60.4460, -29.7999, 38.1969

Triad

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



53.0700, -19.2615, 64.8366



50.3800, -10.0473, -44.1833



55.6140, 45.5463, -48.7735

Complementary

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



53.0700, -19.2615, 64.8366



87.9300, 19.2615, -64.8366

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.



61.3870, 39.7422, -53.8364



53.0700, -19.2615, 64.8366



56.0970, 9.3192, -49.1971

Square

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



53.0700, -19.2615, 64.8366



50.0050, -24.6525, -26.3144



60.6570, 26.7911, -53.1962



64.6600, 32.7056, 9.9452

Rectangle

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



53.0700, -19.2615, 64.8366



60.9120, -30.0296, 18.4942



60.6570, 26.7911, -53.1962



58.6630, 44.5361, -51.4475

Sweetspot

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



53.0700, -19.2615, 64.8366



136.8030, -7.7909, 25.6058



59.7570, 29.2068, 58.9721



66.2470, -4.5588, 15.5694



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



53.0700, -19.2615, 64.8366



57.2650, -28.2316, 95.3606



85.3550, -35.1780, 36.5227



59.6800, -1.3212, 3.7886



44.1420, -21.7620, 73.5435



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.9300, 19.2615, -64.8366



108.7350, 28.2316, -95.3606



55.6450, 35.1780, -36.5227



61.3200, 1.3212, -3.7886



83.2710, 22.0514, -73.0287



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 53.0700, -19.2615, 64.8366 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

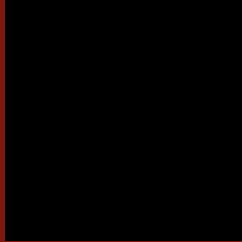
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.0700, -19.2615, 64.8366

Background



This preview shows how black text looks on a background with the YUV color 53.0700, -19.2615, 64.8366.



This preview shows how white text looks on a background with the YUV color 53.0700, -19.2615,

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

53.0700, -19.2615, 64.8366

Protanopia

63.6040, -19.5248, 9.1173

Deuteranopia

62.0970, -30.6138, 19.2089



Tritanopia

53.2810, -15.9145, 64.6516

Trichromacy



Original Color

53.0700, -19.2615, 64.8366

Protanomaly

59.4370, -19.4424, 29.4348

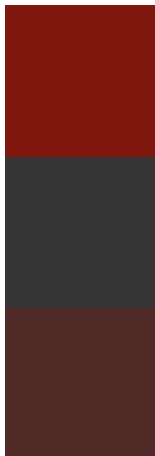
Deuteranomaly

58.6460, -26.4475, 36.2675

Tritanomaly

52.9390, -17.2249, 64.9515

Monochromacy



Original Color

53.0700, -19.2615, 64.8366

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0200, -6.9119, 23.6615

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.0700, -19.2615, 64.8366 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(127, 23, 14)` looks like.

```
.text, #text, p{  
    color:rgb(127, 23, 14)  
}
```

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(127, 23, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 23, 14) }
```

Border

The CSS property to change the border of an element to YUV 53.0700, -19.2615, 64.8366 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(127, 23, 14) }
```


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

```
.border{ border-color:rgb(127, 23, 14) }
```

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

Here you see how a box with a 4 pixel rgb(127, 23, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 23, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 23, 14);  
box-shadow:4px 4px 4px 4px rgb(127, 23,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 53.0700, -19.2615, 64.8366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 23, 14) }
```

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

```
.background{ background-color: rgb(127, 23,  
14) }
```

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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