

Converting Colors

YUV(51.2090, 13.2080, 10.3407)

Have a look what the booklet for
YUV(51.2090, 13.2080, 10.3407)
contains.

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Color

**YUV(51.2090, 13.2080,
10.3407)**

Conversions

Conversions Part 1

Format	Color
Hex	3F284E
RGB	63, 40, 78
RGB Percent	25%, 16%, 31%
CMY	0.7529, 0.8431, 0.6941
CMYK	0.19, 0.49, 0.00, 0.69
HSL	276°, 32%, 23%
HSV	276°, 49%, 31%
XYZ	4.1838, 3.1244, 7.5903
YIQ	51.2090, 1.5100, 16.6940

Conversions

Conversions Part 2

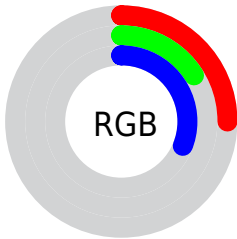
Format	Color
R_{YB}	63, 40, 78
Decimal	4139086
CIE Lab	20.54, 19.06, -19.32
CIE LCh	21, 27.141, 314.615
Yxy	3.1244, 0.2808, 0.2097
Android (android.graphics.Color)	4282329166 (0xFF3F284E)
YUV	51.2090, 13.2080, 10.3407
Hunter-Lab	17.6760, 11.3173, -13.0867




Details

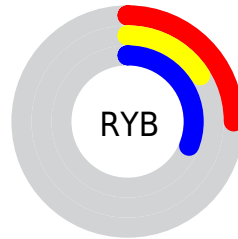
The YUV color **51.2090, 13.2080, 10.3407** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **66.7910, -13.2080, -10.3407**, and the grayscale version is **51.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **98.4480, 14.0761, 11.8851**, and **10.7530, 11.4608, 10.7406** is the 20% darker color. If you saturate the color by 10%, you get **45.6160, 15.9653, 12.6148**, and if you desaturate by 10%, it is **56.8020, 10.4506, 8.0666**.

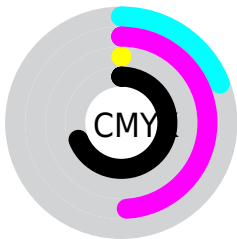
Distribution







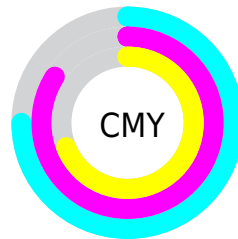
-  Red (25%)
-  Green (16%)
-  Blue (31%)






-  Red (25%)
-  Yellow (16%)
-  Blue (31%)



-  Cyan (19%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (75%)
-  Magenta (84%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.2090, 13.2080, 10.3407 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 51.2090, 13.2080, 10.3407 by changing the saturation by 10% instead.

■ 51.2090, 13.2080,
10.3407

■ 51.2090, 13.2080,
10.3407

■ 255.0000, 0.0000,
0.0000

■ 29.3830, 12.6292,
9.3111

■ 98.4480, 14.0761,
11.8851

■ 10.7530, 11.4608,
10.7406

■ 122.9750, 14.8023,
12.2999

■ 0.7980, 3.0576,
-0.6998

■ 149.3880, 15.0917,
12.8147

■ 0.0000, 0.0000,
0.0000

■ 175.9150, 15.8179,
13.2295

■ 203.3280, 16.1073,
13.7443

■ 230.6010, 12.0287,

15.2589

249.7170, 2.6045,
4.6332

51.2090, 13.2080,
10.3407

51.2090, 13.2080,
10.3407

45.6160, 15.9653,
12.6148

56.8020, 10.4506,
8.0666

40.0230, 18.7227,
14.8888

62.3950, 7.6933,
5.7926

35.0170, 21.1906,
16.6481

67.4010, 5.2253,
4.0333

29.4240, 23.9480,
18.9222

72.9940, 2.4680,
1.7593

23.8310, 26.7053,
21.1962

78.5870, -0.2894,
-0.5148

■ 22.9450, 27.1421,
21.0962

■ 84.1800, -3.0467,
-2.7889

■ 90.0720, -5.9515,
-4.4481

■ 95.0780, -8.4195,
-6.2074

■ 100.6710,
-11.1768, -8.4815

Harmonies

Analogous

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



47.1780, 20.1252, -15.0651



51.2090, 13.2080, 10.3407



50.2450, 5.3022, 26.0951

Triad

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



51.2090, 13.2080, 10.3407



47.9580, -19.6993, 18.4538



41.3590, 8.6970, -36.2718

Complementary

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



51.2090, 13.2080, 10.3407



66.7910, -13.2080, -10.3407

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.



38.3780, -0.1864, -33.6575



51.2090, 13.2080, 10.3407



45.8700, -19.6559, 4.4990

Square

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



51.2090, 13.2080, 10.3407



48.4460, -13.0379, 28.5499



43.4100, -12.0341, -13.5146



42.8240, 16.8488, -37.5566

Rectangle

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



51.2090, 13.2080, 10.3407



48.9700, -0.9712, 31.5983



43.4100, -12.0341, -13.5146



40.5610, 5.6394, -35.5720

Sweetspot

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



51.2090, 13.2080, 10.3407



91.4010, 5.2253, 4.0333



53.1370, 12.2575, -11.5211



44.5210, 3.1941, 2.1741



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



51.2090, 13.2080, 10.3407



60.4900, 20.4644, 16.2333



55.2380, 9.2497, 19.9623



35.3530, 1.3050, 1.4444



30.1660, 35.4142, 27.9184



67.7810, 79.9740, 62.4591

Inverse Universe

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



53.0720, 0.9505, 21.8619



63.2630, 1.3493, 33.9723



62.7620, -9.2497, -19.9623



35.4240, 0.2840, 2.2592



35.0580, 2.4364, 58.7081



79.1440, 5.8450, 132.3007

Previews

White Background



This preview shows how the YUV color 51.2090, 13.2080, 10.3407 looks on a white background.

Color Contrast Check

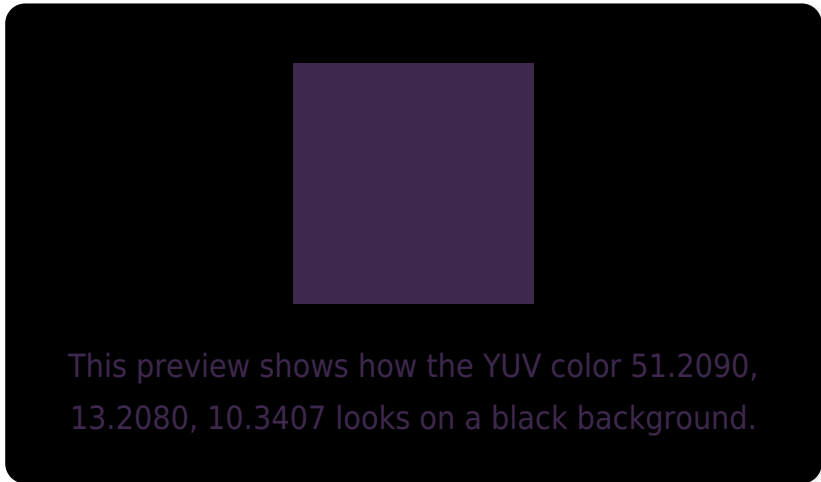
Large Text (above 18pt) WCAG AA ✓ Pass

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

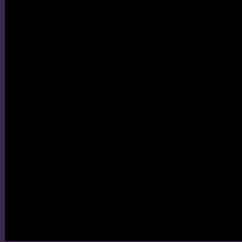
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.2090, 13.2080, 10.3407

Background



This preview shows how black text looks on a background with the YUV color 51.2090, 13.2080, 10.3407.



This preview shows how white text looks on a background with the YUV color 51.2090, 13.2080,

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

51.2090, 13.2080, 10.3407

Protanopia

48.4340, 18.5200, -13.5356

Deuteranopia

49.0770, 13.2730, -10.5915



Tritanopia

50.9300, -0.4585, 7.0774

Trichromacy



Original Color

51.2090, 13.2080, 10.3407

Protanomaly

49.6200, 16.4563, -4.9287

Deuteranomaly

49.5340, 13.5407, -3.0993

Tritanomaly

50.6080, 4.6303, 8.2368

Monochromacy



Original Color

51.2090, 13.2080, 10.3407

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9880, 4.9359, 3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2090, 13.2080, 10.3407 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(63, 40, 78)` looks like.

```
.text, #text, p{  
    color:rgb(63, 40, 78)  
}
```

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(63, 40, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 40, 78) }
```

Border

The CSS property to change the border of an element to YUV 51.2090, 13.2080, 10.3407 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(63, 40, 78) }
```


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

```
.border{ border-color:rgb(63, 40, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 40, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 40, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 40, 78);  
box-shadow:4px 4px 4px 4px rgb(63, 40, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.2090, 13.2080, 10.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 40, 78) }
```

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

```
.background{ background-color: rgb(63, 40,  
78) }
```

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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