

Converting Colors

YUV(50.1030, 10.7952, 37.6207)

Have a look what the booklet for
YUV(50.1030, 10.7952, 37.6207)
contains.

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Color

**YUV(50.1030, 10.7952,
37.6207)**

Conversions

Conversions Part 1

Format	Color
Hex	5D1848
RGB	93, 24, 72
RGB Percent	36%, 9%, 28%
CMY	0.6353, 0.9059, 0.7176
CMYK	0.00, 0.74, 0.23, 0.64
HSL	318°, 59%, 23%
HSV	318°, 74%, 36%
XYZ	6.0105, 3.4483, 6.4797
YIQ	50.1030, 25.7160, 29.5560

Conversions

Conversions Part 2

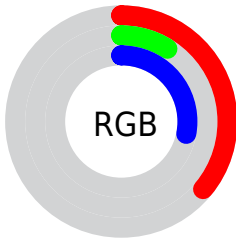
Format	Color
RYB	93, 24, 72
Decimal	6101064
CIELab	21.76, 36.46, -12.99
CIElCh	22, 38.702, 340.394
Yxy	3.4483, 0.3771, 0.2164
Android (android.graphics.Color)	4284291144 (0xFF5D1848)
YUV	50.1030, 10.7952, 37.6207
Hunter-Lab	18.5696, 25.2793, -7.6900

Details

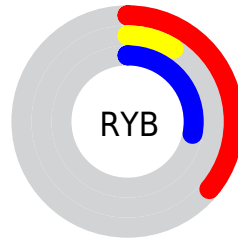
The YUV color **50.1030, 10.7952, 37.6207** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **66.8970, -10.7952, -37.6207**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.8860, 9.9162, 39.5650**, and **17.0600, 5.8864, 25.3804** is the 20% darker color. If you saturate the color by 10%, you get **44.4780, 12.0893, 42.5538**, and if you desaturate by 10%, it is **55.7280, 9.5011, 32.6875**.

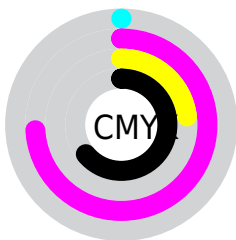
Distribution



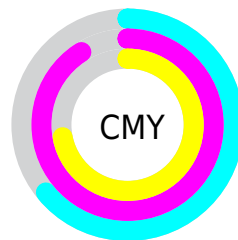
- Red (36%)
- Green (9%)
- Blue (28%)



- Red (36%)
- Yellow (9%)
- Blue (28%)



- Cyan (0%)
- Magenta (74%)
- Yellow (23%)
- Black (64%)



- Cyan (64%)
- Magenta (91%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.1030, 10.7952, 37.6207 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 50.1030, 10.7952, 37.6207 by changing the saturation by 10% instead.

■ 50.1030, 10.7952,
37.6207

■ 50.1030, 10.7952,
37.6207

■ 255.0000, 0.0000,
0.0000

■ 25.9180, 11.3794,
36.9059

■ 100.8860, 9.9162,
39.5650

■ 17.0600, 5.8864,
25.3804

■ 126.4840, 9.6214,
40.7945

■ 0.5980, -0.2948,
1.2296

■ 153.1960, 9.7634,
41.9241

■ 0.0000, 0.0000,
0.0000

■ 180.7940, 9.4686,
43.1537

■ 207.3100, 10.2002,
41.8241

■ 226.8240, 13.8908,

24.7104

243.2600, 5.7878,
10.2960

50.1030, 10.7952,
37.6207

50.1030, 10.7952,
37.6207

44.4780, 12.0893,
42.5538

55.7280, 9.5011,
32.6875

38.2660, 13.6729,
48.0017

61.9400, 7.9176,
27.2396

35.2170, 14.6830,
50.6757

67.4510, 6.1867,
22.4065

73.0760, 4.8925,
17.4733

78.7010, 3.5984,
12.5402

■ 84.9130, 2.0149,
7.0923

■ 90.5380, 0.7208,
2.1592

■ 96.1630, -0.5734,
-2.7740

■ 102.2610, -2.5937,
-8.1219

Harmonies

Analogous

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



53.2720, 21.0649, 10.2855



50.1030, 10.7952, 37.6207



45.9660, -1.4622, 49.1418

Triad

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



50.1030, 10.7952, 37.6207



48.4420, -23.8819, 6.6284



47.7140, 20.3540, -41.8452

Complementary

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



50.1030, 10.7952, 37.6207



66.8970, -10.7952, -37.6207

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.



45.2230, 8.2711, -39.6606



50.1030, 10.7952, 37.6207



42.0970, -20.7538, -16.7481

Square

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



50.1030, 10.7952, 37.6207



49.7480, -24.5258, 26.5310



41.2160, -4.5435, -36.1464



47.3040, 28.9371, -41.4856

Rectangle

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



50.1030, 10.7952, 37.6207



47.4250, -11.0555, 46.1083



41.2160, -4.5435, -36.1464



47.2750, 16.1334, -41.4602

Sweetspot

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



50.1030, 10.7952, 37.6207



103.2390, 4.3192, 14.6994



38.1450, 27.0435, 6.0118



51.0380, 2.4463, 8.7367



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



50.1030, 10.7952, 37.6207



53.4290, 16.5505, 58.3828



46.2270, -4.0559, 41.0199



42.9510, 1.0102, 2.6740



41.5540, 16.9819, 60.0271



89.6730, 37.1362, 129.2058

Inverse Universe

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



50.1030, 10.7952, 37.6207



53.4290, 16.5505, 58.3828



70.7730, 4.0559, -41.0199



42.9510, 1.0102, 2.6740



41.5540, 16.9819, 60.0271



89.6730, 37.1362, 129.2058

Previews

White Background



This preview shows how the YUV color 50.1030, 10.7952, 37.6207 looks on a white background.

Color Contrast Check

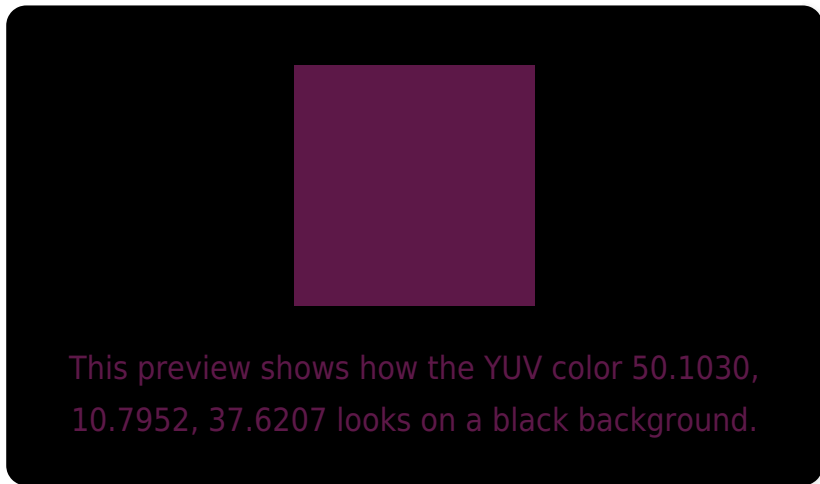
Large Text (above 18pt) WCAG AA ✓ Pass

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

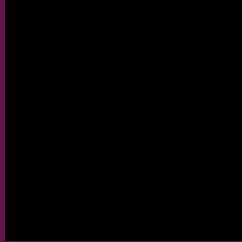
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.1030, 10.7952, 37.6207

Background



This preview shows how black text looks on a background with the YUV color 50.1030, 10.7952, 37.6207.



This preview shows how white text looks on a background with the YUV color 50.1030, 10.7952,

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

50.1030, 10.7952, 37.6207

Protanopia

51.7050, 20.8514, -14.6503

Deuteranopia

54.1120, 6.8468, -2.7292



Tritanopia

51.6730, -7.2338, 33.6128

Trichromacy



Original Color

50.1030, 10.7952, 37.6207

Protanomaly

51.2020, 17.1554, 4.2078

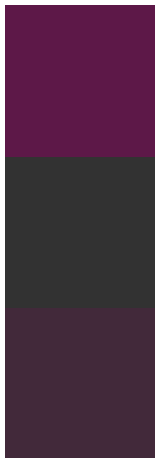
Deuteranomaly

52.2540, 8.2558, 12.0552

Tritanomaly

51.1060, -0.5453, 34.9870

Monochromacy



Original Color

50.1030, 10.7952, 37.6207

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.4130, 3.7404, 13.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.1030, 10.7952, 37.6207 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(93, 24, 72)` looks like.

```
.text, #text, p{  
    color:rgb(93, 24, 72)  
}
```

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(93, 24, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 24, 72) }
```

Border

The CSS property to change the border of an element to YUV 50.1030, 10.7952, 37.6207 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(93, 24, 72) }
```


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

```
.border{ border-color:rgb(93, 24, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 24, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 24, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 24, 72);  
box-shadow:4px 4px 4px 4px rgb(93, 24, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.1030, 10.7952, 37.6207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 24, 72) }
```

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

```
.background{ background-color: rgb(93, 24,  
72) }
```

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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