

Converting Colors

YUV(53.8190, 41.9942, 64.1797)

Have a look what the booklet for
YUV(53.8190, 41.9942, 64.1797)
contains.

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Color

**YUV(53.8190, 41.9942,
64.1797)**

Conversions

Conversions Part 1

Format	Color
Hex	7F008B
RGB	127, 0, 139
RGB Percent	50%, 0%, 55%
CMY	0.5020, 1.0000, 0.4549
CMYK	0.09, 1.00, 0.00, 0.45
HSL	295°, 100%, 27%
HSV	295°, 100%, 55%
XYZ	13.4126, 6.3761, 24.9499
YIQ	53.8190, 31.0730, 70.1530

Conversions

Conversions Part 2

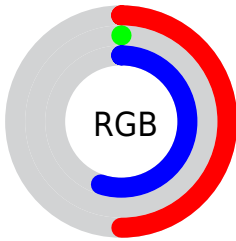
Format	Color
R_{YB}	127, 0, 139
Decimal	8323211
CIE _{Lab}	30.34, 60.56, -42.49
CIE _{LCh}	30, 73.978, 324.949
Yxy	6.3761, 0.2998, 0.1425
Android (android.graphics.Color)	4286513291 (0xFF7F008B)
YUV	53.8190, 41.9942, 64.1797
Hunter-Lab	25.2510, 50.6250, -40.9074

Details

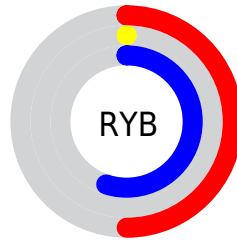
The YUV color **53.8190, 41.9942, 64.1797** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **85.1810, -41.9942, -64.1797**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.5700, 36.2010, 55.6281**, and **31.8590, 27.6775, 36.0807** is the 20% darker color. If you saturate the color by 10%, you get **53.8190, 41.9942, 64.1797**, and if you desaturate by 10%, it is **62.3360, 37.7954, 57.5873**.

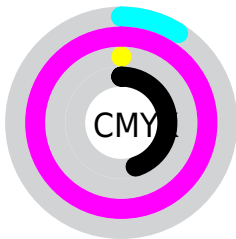
Distribution



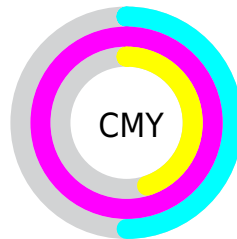
- Red (50%)
- Green (0%)
- Blue (55%)



- Red (50%)
- Yellow (0%)
- Blue (55%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.8190, 41.9942, 64.1797 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 53.8190, 41.9942, 64.1797 by changing the saturation by 10% instead.

■ 53.8190, 41.9942,
64.1797

■ 53.8190, 41.9942,
64.1797

■ 255.0000, 0.0000,
0.0000

■ 42.7820, 34.6175,
50.1802

■ 119.5700, 36.2010,
55.6281

■ 31.8590, 27.6775,
36.0807

■ 147.2820, 36.3430,
56.7577

■ 21.9470, 20.7321,
23.7255

■ 175.9940, 36.4850,
57.8873

■ 9.1590, 15.6976,
5.1226

■ 196.8870, 28.6497,
50.9651

■ 2.7530, 8.0098,
-2.4144

■ 213.3230, 20.5468,
36.5507

■ 0.0000, 0.0000,
0.0000

■ 230.3460, 12.1544,

21.6216

■ 247.3690, 3.7621,
6.6924

■ 53.8190, 41.9942,
64.1797

■ 62.3360, 37.7954,
57.5873

■ 70.8530, 33.5965,
50.9949

■ 79.6690, 29.2502,
45.0173

■ 88.1860, 25.0513,
38.4249

■ 96.7030, 20.8524,
31.8325

■ 104.6330, 16.9429,
25.7549

■ 113.1500, 12.7440,
19.1624

■ 121.9660, 8.3978,
13.1848

■ 130.4830, 4.1989,
6.5924

Harmonies

Analogous

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



56.2130, 60.5340, -49.2988



53.8190, 41.9942, 64.1797



58.0140, 12.8111, 91.1957

Triad

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



53.8190, 41.9942, 64.1797



67.4460, -33.2509, 25.0419



68.1570, 25.0656, -59.7737

Complementary

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



53.8190, 41.9942, 64.1797



85.1810, -41.9942, -64.1797

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.



60.8440, -0.4161, -53.3602



53.8190, 41.9942, 64.1797



59.7950, -29.4789, -18.2372

Square

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



53.8190, 41.9942, 64.1797



60.6330, -29.8921, 67.8509



52.2430, -25.7558, -45.8171



73.0420, 46.3213, -64.0578

Rectangle

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



53.8190, 41.9942, 64.1797



54.5790, -4.2294, 96.8392



52.2430, -25.7558, -45.8171



65.9910, 16.7664, -57.8741

Sweetspot

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



53.8190, 41.9942, 64.1797



147.8070, 16.3641, 24.7253



24.0640, 56.6634, -21.1041



71.7320, 9.9921, 15.1440



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



53.8190, 41.9942, 64.1797



69.9690, 54.7383, 83.3422



51.0230, 15.7647, 77.1558



64.5920, 2.1731, 2.9888



51.3410, 40.2579, 61.0909



2.0650, 1.4470, 2.5740

Inverse Universe

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



42.9290, -15.2480, 84.2543



55.9430, -19.6919, 109.6750



87.9770, -15.7647, -77.1558



64.2070, -0.5951, 4.2035



41.0210, -14.8004, 80.6656



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 53.8190, 41.9942, 64.1797 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

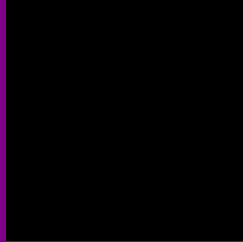
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.8190, 41.9942, 64.1797

Background



This preview shows how black text looks on a background with the YUV color 53.8190, 41.9942, 64.1797.



This preview shows how white text looks on a background with the YUV color 53.8190, 41.9942,

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



Protanopia

59.5920, 45.5571, -52.2622

Deuteranopia

67.6190, 31.2468, -35.6229

Tritanopia

73.8800, -7.8288, 37.8162

Trichromacy



Protanomaly

57.5140, 44.1166, -10.0978

Deuteranomaly

62.2890, 35.3535, 0.6235

Tritanomaly

66.6420, 10.0365, 47.6720

Monochromacy



Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8670, 15.3486, 23.7956

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.8190, 41.9942, 64.1797 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, 0, 139)` looks like.

```
.text, #text, p{  
    color:rgb(127, 0, 139)  
}
```

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, 0, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 0, 139) }
```

Border

The CSS property to change the border of an element to YUV 53.8190, 41.9942, 64.1797 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, 0, 139) }
```

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

```
.border{ border-color:rgb(127, 0, 139) }
```

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

Here you see how a box with a 4 pixel rgb(127, 0, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(127, 0,  
139) }
```


Background

The CSS property to change the background color of an element to YUV 53.8190, 41.9942, 64.1797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 0, 139) }
```

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

```
.background{ background-color: rgb(127, 0,  
139) }
```

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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