

Converting Colors

YUV(41.7140, 24.2980, 46.7318)

Have a look what the booklet for
YUV(41.7140, 24.2980, 46.7318)
contains.

YUV(41.7140, 24.2980, 46.7318)	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(41.7140, 24.2980,
46.7318)**

Conversions

Conversions Part 1

Format	Color
Hex	5F055B
RGB	95, 5, 91
RGB Percent	37%, 2%, 36%
CMY	0.6275, 0.9804, 0.6431
CMYK	0.00, 0.95, 0.04, 0.63
HSL	303°, 90%, 20%
HSV	303°, 95%, 37%
XYZ	6.6619, 3.2968, 10.1827
YIQ	41.7140, 26.0340, 45.8260

Conversions

Conversions Part 2

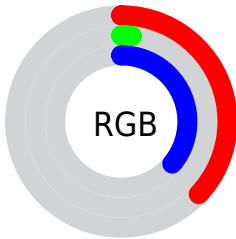
Format	Color
R_{YB}	95, 5, 91
Decimal	6227291
CIE _{Lab}	21.20, 45.83, -26.65
CIE _{LCh}	21, 53.015, 329.820
Yxy	3.2968, 0.3308, 0.1637
Android (android.graphics.Color)	4284417371 (0xFF5F055B)
YUV	41.7140, 24.2980, 46.7318
Hunter-Lab	18.1570, 33.7180, -20.5409

Details

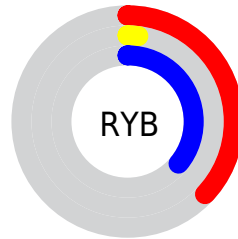
The YUV color **41.7140, 24.2980, 46.7318** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **58.2860, -24.2980, -46.7318**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.0080, 21.6881, 43.8430**, and **19.1830, 12.7278, 24.3955** is the 20% darker color. If you saturate the color by 10%, you get **38.7790, 25.7450, 49.3058**, and if you desaturate by 10%, it is **46.9970, 21.6935, 42.0986**.

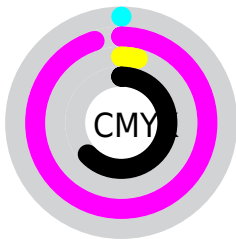
Distribution



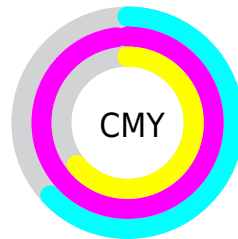
- Red (37%)
- Green (2%)
- Blue (36%)



- Red (37%)
- Yellow (2%)
- Blue (36%)



- Cyan (0%)
- Magenta (95%)
- Yellow (4%)
- Black (63%)



- Cyan (63%)
- Magenta (98%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.7140, 24.2980, 46.7318 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 41.7140, 24.2980, 46.7318 by changing the saturation by 10% instead.

41.7140, 24.2980,
46.7318

41.7140, 24.2980,
46.7318

255.0000, 0.0000,
0.0000

28.2690, 19.0944,
35.7211

98.0080, 21.6881,
43.8430

19.1830, 12.7278,
24.3955

124.6060, 21.3932,
45.0725

4.7150, 9.0145,
2.0039

151.7310, 21.8246,
46.7169

0.0000, 0.0000,
0.0000


179.1440, 22.1140,
47.2317

205.3500, 22.9985,
43.5431


222.1280, 16.2059,

28.8287


 238.5640, 8.1029,
14.4144


 41.7140, 24.2980,
46.7318


 41.7140, 24.2980,
46.7318


 38.7790, 25.7450,
49.3058

 46.9970, 21.6935,
42.0986

 52.9810, 19.2364,
36.8507

 58.8510, 16.3425,
31.7027

 64.2480, 14.1747,
26.9695

 70.1180, 11.2808,
21.8215

■ 75.5150, 9.1131,
17.0883

■ 80.7980, 6.5086,
12.4552

■ 86.6680, 3.6147,
7.3072

■ 92.6520, 1.1576,
2.0592

Harmonies

Analogous

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



48.5220, 35.2387, -9.2278



41.7140, 24.2980, 46.7318



40.4270, 6.1985, 65.4005

Triad

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



41.7140, 24.2980, 46.7318



48.4860, -23.9036, 13.6058



48.8880, 19.7752, -42.8748

Complementary

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



41.7140, 24.2980, 46.7318



58.2860, -24.2980, -46.7318

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.



44.4420, 2.7401, -38.9756



41.7140, 24.2980, 46.7318



41.5100, -20.4644, -16.2333

Square

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



41.7140, 24.2980, 46.7318



46.0040, -22.6800, 41.2155



38.0240, -16.7738, -33.3470



51.1340, 33.4579, -44.8445

Rectangle

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



41.7140, 24.2980, 46.7318



37.5770, -4.7215, 67.9000



38.0240, -16.7738, -33.3470



47.5200, 14.5336, -41.6750

Sweetspot

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



41.7140, 24.2980, 46.7318



101.9280, 9.4025, 17.6031



16.1570, 38.8696, -7.1537



48.5590, 5.6404, 10.9108



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.



41.7140, 24.2980, 46.7318



49.8160, 33.1217, 63.3054



36.6980, 5.0789, 51.1309



45.6520, 1.1576, 2.0592



45.6860, 30.2278, 58.1574



97.8660, 64.6491, 124.6515

Inverse Universe

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



41.7140, 24.2980, 46.7318



49.8160, 33.1217, 63.3054



63.3020, -5.0789, -51.1309



45.6520, 1.1576, 2.0592



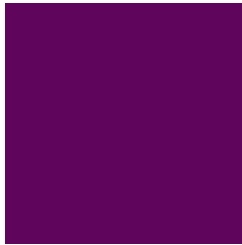
45.6860, 30.2278, 58.1574



97.8660, 64.6491, 124.6515

Previews

White Background



This preview shows how the YUV color 41.7140, 24.2980, 46.7318 looks on a white background.

Color Contrast Check

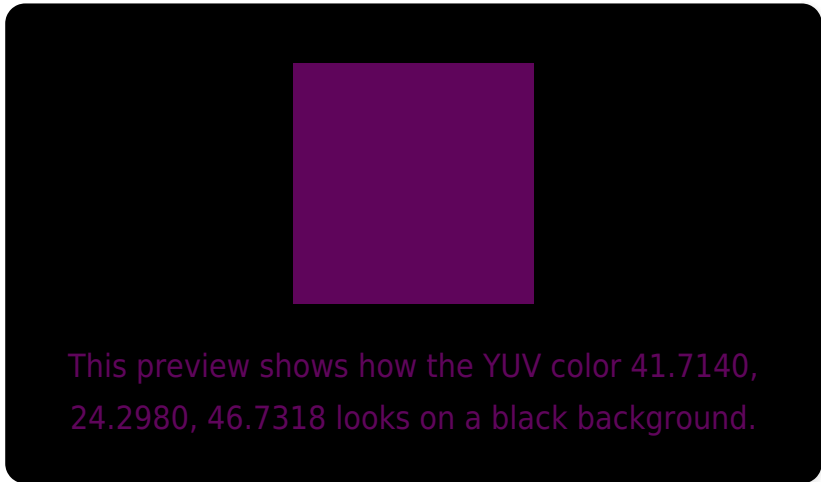
Large Text (above 18pt) WCAG AA ✓ Pass

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

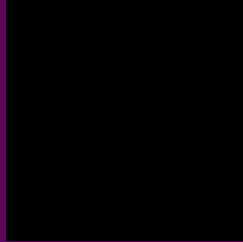
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.7140, 24.2980, 46.7318

Background



This preview shows how black text looks on a background with the YUV color 41.7140, 24.2980, 46.7318.



This preview shows how white text looks on a background with the YUV color 41.7140, 24.2980,

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

41.7140, 24.2980, 46.7318

Protanopia

43.0640, 32.9994, -37.7671

Deuteranopia

52.2660, 16.6309, -14.2653



Tritanopia

52.3740, -7.0864, 32.9980

Trichromacy



Original Color

41.7140, 24.2980, 46.7318

Protanomaly

42.7520, 29.7023, -6.7985

Deuteranomaly

48.2070, 19.6179, 7.7115

Tritanomaly

48.6810, 4.1013, 37.9908

Monochromacy



Original Color

41.7140, 24.2980, 46.7318

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1020, 8.8237, 16.5735

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.7140, 24.2980, 46.7318 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(95, 5, 91)` looks like.

```
.text, #text, p{  
    color:rgb(95, 5, 91)  
}
```

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(95, 5, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 5, 91) }
```

Border

The CSS property to change the border of an element to YUV 41.7140, 24.2980, 46.7318 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(95, 5, 91) }
```


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

```
.border{ border-color:rgb(95, 5, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 5, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 5, 91); -webkit-box-shadow:4px  
4px 4px 4px rgb(95, 5, 91); box-shadow:4px  
4px 4px 4px rgb(95, 5, 91) }
```

Background

The CSS property to change the background color of an element to YUV 41.7140, 24.2980, 46.7318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 5, 91) }
```

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

```
.background{ background-color: rgb(95, 5,  
91) }
```

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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