

Converting Colors

YUV(65.2800, 2.3270, 47.1124)

Have a look what the booklet for
YUV(65.2800, 2.3270, 47.1124)
contains.

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Color

**YUV(65.2800, 2.3270,
47.1124)**

Conversions

Conversions Part 1

Format	Color
Hex	772546
RGB	119, 37, 70
RGB Percent	47%, 15%, 27%
CMY	0.5333, 0.8549, 0.7255
CMYK	0.00, 0.69, 0.41, 0.53
HSL	336°, 53%, 31%
HSV	336°, 69%, 47%
XYZ	9.3748, 5.6873, 6.3980
YIQ	65.2800, 38.2790, 27.6470

Conversions

Conversions Part 2

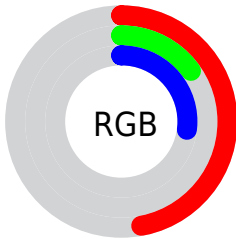
Format	Color
R_{YB}	119, 37, 70
Decimal	7808326
CIE _{Lab}	28.61, 38.74, -0.84
CIE _{LCh}	29, 38.745, 358.755
Yxy	5.6873, 0.4368, 0.2650
Android (android.graphics.Color)	4285998406 (0xFF772546)
YUV	65.2800, 2.3270, 47.1124
Hunter-Lab	23.8480, 28.4355, 0.7871

Details

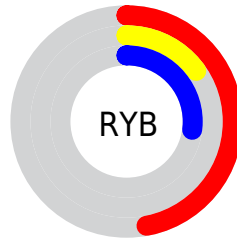
The YUV color **65.2800, 2.3270, 47.1124** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **90.7200, -2.3270, -47.1124**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.1340, 0.4269, 49.8715**, and **22.8120, 2.0647, 37.8759** is the 20% darker color. If you saturate the color by 10%, you get **57.4380, 2.7421, 53.9899**, and if you desaturate by 10%, it is **73.1220, 1.9119, 40.2350**.

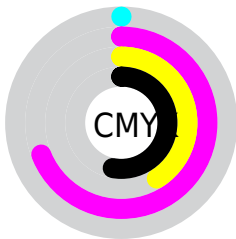
Distribution



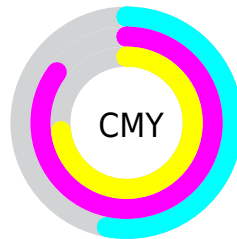
- Red (47%)
- Green (15%)
- Blue (27%)



- Red (47%)
- Yellow (15%)
- Blue (27%)



- Cyan (0%)
- Magenta (69%)
- Yellow (41%)
- Black (53%)



- Cyan (53%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.2800, 2.3270, 47.1124 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 65.2800, 2.3270, 47.1124 by changing the saturation by 10% instead.

65.2800, 2.3270,
47.1124

65.2800, 2.3270,
47.1124

255.0000, 0.0000,
0.0000

37.0890, 5.3791,
48.1569

117.1340, 0.4269,
49.8715

22.8120, 2.0647,
37.8759

144.0310, -0.0153,
51.7158

13.5690, -6.1965,
27.5650

170.9280, -0.4575,
53.5601

0.0000, 0.0000,
0.0000

196.7320, 0.1321,
51.1010

216.3600, 4.2595,
33.8873

236.1020, 8.8237,

16.5735

253.2390, 0.8682,
1.5444

65.2800, 2.3270,
47.1124

65.2800, 2.3270,
47.1124

57.4380, 2.7421,
53.9899

73.1220, 1.9119,
40.2350

49.5960, 3.1572,
60.8673

80.9640, 1.4967,
33.3576

41.7540, 3.5723,
67.7447

88.8060, 1.0816,
26.4801

41.0530, 3.4249,
68.3595

96.6480, 0.6665,
19.6027

104.6040, 0.6882,
12.6253

■ 111.8590, 0.5625,
6.2627

■ 119.7010, 0.1474,
-0.6148

■ 127.5430, -0.2677,
-7.4922

■ 135.3850, -0.6828,
-14.3696

Harmonies

Analogous

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



68.7860, 14.8955, 29.1287



65.2800, 2.3270, 47.1124



64.3220, -11.4977, 47.9526

Triad

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



65.2800, 2.3270, 47.1124



60.0830, -26.1699, -6.2118



59.2380, 28.9697, -51.9517

Complementary

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



65.2800, 2.3270, 47.1124



90.7200, -2.3270, -47.1124

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.



58.3770, 18.0551, -51.1966



65.2800, 2.3270, 47.1124



50.3630, -7.5740, -44.1684

Square

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



65.2800, 2.3270, 47.1124



63.5590, -31.3346, 17.0498



54.9570, 4.9512, -48.1973



56.1550, 34.9266, -49.2479

Rectangle

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



65.2800, 2.3270, 47.1124



64.5740, -20.4960, 40.7156



54.9570, 4.9512, -48.1973



59.7280, 25.7701, -52.3815

Sweetspot

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



65.2800, 2.3270, 47.1124



134.3490, 0.8139, 18.9879



60.7000, 28.7419, 21.3111



65.8920, 0.5462, 11.4957



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



65.2800, 2.3270, 47.1124



70.7980, 3.5506, 74.7222



65.6270, -14.1131, 46.8081



55.0220, -0.0108, 3.4887



42.0640, 3.4194, 70.1039



86.2640, 7.2648, 143.5965

Inverse Universe

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



65.2800, 2.3270, 47.1124



70.7980, 3.5506, 74.7222



90.3730, 14.1131, -46.8081



55.0220, -0.0108, 3.4887



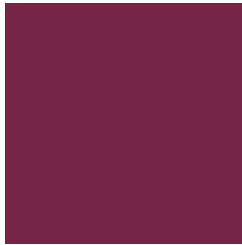
42.0640, 3.4194, 70.1039



86.2640, 7.2648, 143.5965

Previews

White Background



This preview shows how the YUV color 65.2800, 2.3270, 47.1124 looks on a white background.

Color Contrast Check

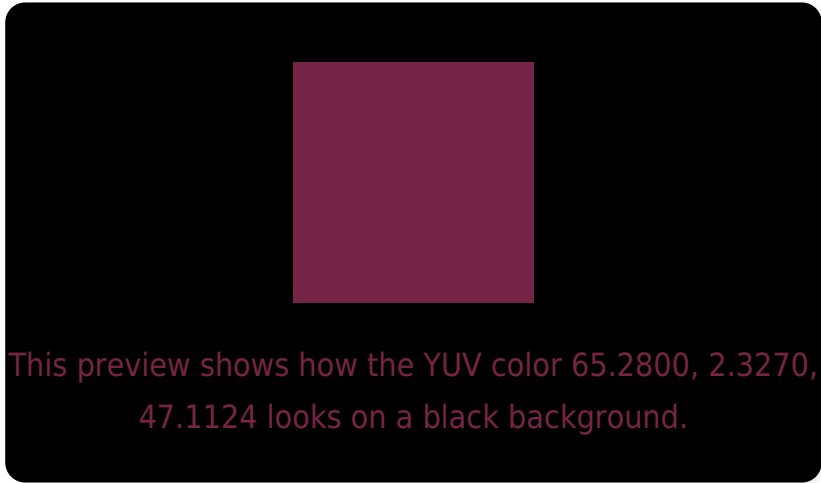
Large Text (above 18pt) WCAG AA ✓ Pass

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

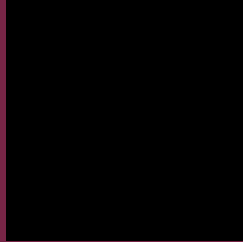
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.2800, 2.3270, 47.1124

Background



This preview shows how black text looks on a background with the YUV color 65.2800, 2.3270, 47.1124.



This preview shows how white text looks on a background with the YUV color 65.2800, 2.3270,

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

65.2800, 2.3270, 47.1124

Protanopia

68.8990, 9.9098, -5.1734

Deuteranopia

68.9900, -1.4741, 6.1478



Tritanopia

65.3540, -10.0345, 45.2935

Trichromacy



Original Color

65.2800, 2.3270, 47.1124

Protanomaly

67.6240, 7.0874, 13.4848

Deuteranomaly

67.4310, -0.2125, 21.5470

Tritanomaly

65.5050, -5.6720, 46.0381

Monochromacy



Original Color

65.2800, 2.3270, 47.1124

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.3380, 0.8194, 17.2436

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.2800, 2.3270, 47.1124 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(119, 37, 70)` looks like.

```
.text, #text, p{  
    color:rgb(119, 37, 70)  
}
```

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(119, 37, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 37, 70) }
```

Border

The CSS property to change the border of an element to YUV 65.2800, 2.3270, 47.1124 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(119, 37, 70) }
```


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

```
.border{ border-color:rgb(119, 37, 70) }
```

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

Here you see how a box with a 4 pixel rgb(119, 37, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 37, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 37, 70);  
box-shadow:4px 4px 4px 4px rgb(119, 37,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 65.2800, 2.3270, 47.1124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 37, 70) }
```

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

```
.background{ background-color: rgb(119, 37,  
70) }
```

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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