

Converting Colors

YUV(68.4240, -6.1250, 51.3712)

Have a look what the booklet for
YUV(68.4240, -6.1250, 51.3712)
contains.

YUV(68.4240, -6.1250, 51.3712)	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(68.4240, -6.1250,
51.3712)**

Conversions

Conversions Part 1

Format	Color
Hex	7F2938
RGB	127, 41, 56
RGB Percent	50%, 16%, 22%
CMY	0.5020, 0.8392, 0.7804
CMYK	0.00, 0.68, 0.56, 0.50
HSL	350°, 51%, 33%
HSV	350°, 68%, 50%
XYZ	10.2591, 6.3834, 4.4328
YIQ	68.4240, 46.4410, 22.8970

Conversions

Conversions Part 2

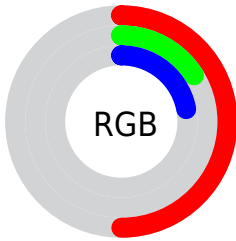
Format	Color
R_{YB}	127, 41, 56
Decimal	8333624
CIE Lab	30.36, 38.24, 11.13
CIE LCh	30, 39.824, 16.227
Yxy	6.3834, 0.4868, 0.3029
Android (android.graphics.Color)	4286523704 (0xFF7F2938)
YUV	68.4240, -6.1250, 51.3712
Hunter-Lab	25.2654, 28.2662, 7.2835

Details

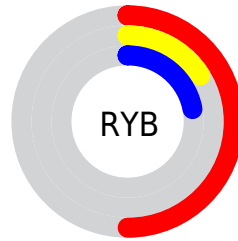
The YUV color **68.4240, -6.1250, 51.3712** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **99.5760, 6.1250, -51.3712**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7620, -8.7567, 55.4597**, and **23.3090, -5.0823, 43.5790** is the 20% darker color. If you saturate the color by 10%, you get **59.6530, -6.7309, 59.0633**, and if you desaturate by 10%, it is **77.1950, -5.5191, 43.6790**.

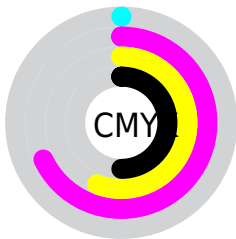
Distribution



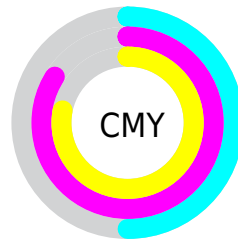
- Red (50%)
- Green (16%)
- Blue (22%)



- Red (50%)
- Yellow (16%)
- Blue (22%)



- Cyan (0%)
- Magenta (68%)
- Yellow (56%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.4240, -6.1250, 51.3712 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 68.4240, -6.1250, 51.3712 by changing the saturation by 10% instead.

68.4240, -6.1250,
51.3712

68.4240, -6.1250,
51.3712

255.0000, 0.0000,
0.0000

41.2220, -3.0674,
50.6713

120.7620, -8.7567,
55.4597

23.3090, -5.0823,
43.5790

147.5450, -9.6357,
57.4040

14.8790, -6.3493,
29.9241

174.7410,
-10.2253, 59.8631

0.0000, 0.0000,
0.0000

197.1420, -8.4510,
50.7415

216.7700, -4.3236,
33.5277

236.9850, -0.4856,

15.7992

■ 68.4240, -6.1250,
51.3712

■ 68.4240, -6.1250,
51.3712

■ 59.6530, -6.7309,
59.0633

■ 77.1950, -5.5191,
43.6790

■ 51.3550, -8.0630,
66.3407

■ 85.4930, -4.1870,
36.4016

■ 42.5840, -8.6689,
74.0328

■ 94.2640, -3.5812,
28.7095

■ 40.4810, -9.1111,
75.8772

■ 103.1490, -2.5385,
20.9173

■ 111.3330, -1.6432,
13.7400

■ 120.2180, -0.6005,
5.9478

■ 128.9890, 0.0054,
-1.7444

■ 137.8740, 1.0481,
-9.5365

■ 146.0580, 1.9434,
-16.7139

Harmonies

Analogous

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



71.0390, 7.8688, 42.9388



68.4240, -6.1250, 51.3712



68.8840, -20.6488, 43.0747

Triad

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



68.4240, -6.1250, 51.3712



60.8510, -17.6745, -24.4253



61.4210, 34.7954, -53.8662

Complementary

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



68.4240, -6.1250, 51.3712



99.5760, 6.1250, -51.3712

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.



62.5320, 26.3597, -54.8406



68.4240, -6.1250, 51.3712



56.2790, -0.1375, -49.3567

Square

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



68.4240, -6.1250, 51.3712



65.3680, -31.7334, 4.9393



60.5140, 13.5506, -53.0708



67.3970, 31.3563, -24.0272

Rectangle

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



68.4240, -6.1250, 51.3712



68.6410, -28.9100, 32.7638



60.5140, 13.5506, -53.0708



62.1390, 32.4695, -54.4959

Sweetspot

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



68.4240, -6.1250, 51.3712



143.4370, -2.6804, 19.7878



71.7340, 27.2461, 34.4363



70.3220, -1.6377, 11.9956



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



68.4240, -6.1250, 51.3712



74.1010, -9.4168, 80.5954



82.5630, -20.4906, 38.9712



59.2070, -0.5951, 4.2035



40.7800, -9.2585, 76.4919



0.0000, 0.0000, 0.0000

Inverse Universe

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



68.4240, -6.1250, 51.3712



74.1010, -9.4168, 80.5954



85.4370, 20.4906, -38.9712



59.2070, -0.5951, 4.2035



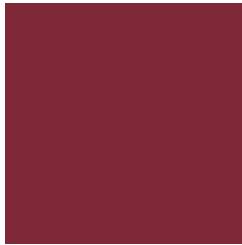
40.7800, -9.2585, 76.4919



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 68.4240, -6.1250, 51.3712 looks on a white background.

Color Contrast Check

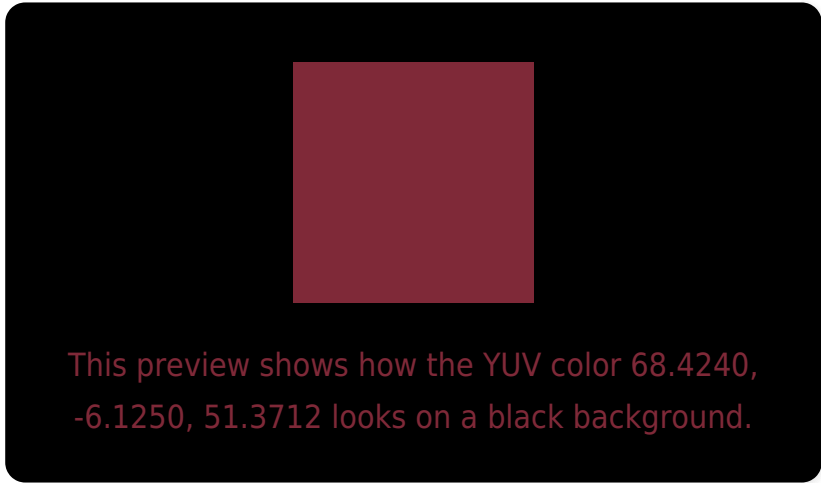
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.4240, -6.1250, 51.3712

Background



This preview shows how black text looks on a background with the YUV color 68.4240, -6.1250, 51.3712.



This preview shows how white text looks on a background with the YUV color 68.4240, -6.1250,

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

68.4240, -6.1250, 51.3712

Protanopia

72.4840, -0.7316, 1.3295

Deuteranopia

72.7320, -10.2209, 11.6360



Tritanopia

68.0450, -11.3612, 50.8265

Trichromacy



Original Color

68.4240, -6.1250, 51.3712

Protanomaly

71.1380, -2.5330, 19.1730

Deuteranomaly

70.8740, -8.8119, 26.4205

Tritanomaly

67.9140, -9.3246, 50.9414

Monochromacy



Original Color

68.4240, -6.1250, 51.3712

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9530, -1.9488, 18.4582

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.4240, -6.1250, 51.3712 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, 41, 56)` looks like.

```
.text, #text, p{  
    color:rgb(127, 41, 56)  
}
```

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, 41, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 41, 56) }
```

Border

The CSS property to change the border of an element to YUV 68.4240, -6.1250, 51.3712 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, 41, 56) }
```


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

```
.border{ border-color:rgb(127, 41, 56) }
```

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

Here you see how a box with a 4 pixel rgb(127, 41, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 41, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 41, 56);  
box-shadow:4px 4px 4px 4px rgb(127, 41,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 68.4240, -6.1250, 51.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 41, 56) }
```

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

```
.background{ background-color: rgb(127, 41,  
56) }
```

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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