

Converting Colors

YUV(91.1730, -15.8613, 0.7253)

Have a look what the booklet for
YUV(91.1730, -15.8613, 0.7253)
contains.

YUV(91.1730, -15.8613, 0.7253)	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(91.1730, -15.8613,
0.7253)**

Conversions

Conversions Part 1

Format	Color
Hex	5C613B
RGB	92, 97, 59
RGB Percent	36%, 38%, 23%
CMY	0.6392, 0.6196, 0.7686
CMYK	0.05, 0.00, 0.39, 0.62
HSL	68°, 24%, 31%
HSV	68°, 39%, 38%
XYZ	9.4777, 11.1405, 5.7885
YIQ	91.1730, 9.2180, -12.8780

Conversions

Conversions Part 2

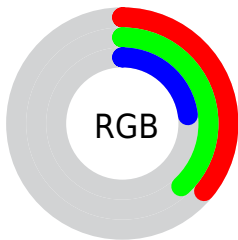
Format	Color
R_{YB}	59, 97, 64
Decimal	6054203
CIE Lab	39.82, -8.73, 21.03
CIE LCh	40, 22.771, 112.534
Yxy	11.1405, 0.3589, 0.4219
Android (android.graphics.Color)	4284244283 (0xFF5C613B)
YUV	91.1730, -15.8613, 0.7253
Hunter-Lab	33.3773, -7.7239, 13.0818

Details

The YUV color **91.1730, -15.8613, 0.7253** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **64.8270, 15.8613, -0.7253**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8310, -17.1717, 1.0252**, and **45.2160, -14.4035, -0.1894** is the 20% darker color. If you saturate the color by 10%, you get **89.7340, -20.0819, 1.1103**, and if you desaturate by 10%, it is **92.6120, -11.6407, 0.3403**.

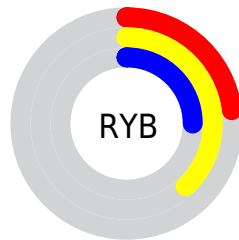
Distribution



Red (36%)

Green (38%)

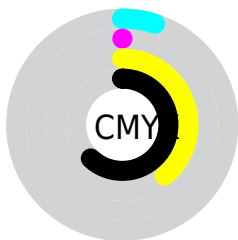
Blue (23%)



Red (23%)

Yellow (38%)

Blue (25%)

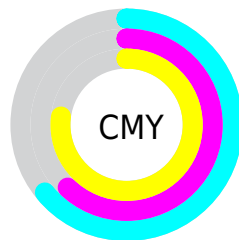


Cyan (5%)

Magenta (0%)

Yellow (39%)

Black (62%)



Cyan (64%)

Magenta (62%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.1730, -15.8613, 0.7253 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 91.1730, -15.8613, 0.7253 by changing the saturation by 10% instead.

91.1730, -15.8613,
0.7253

91.1730, -15.8613,
0.7253

255.0000, 0.0000,
0.0000

67.4010, -14.9877,
0.5253

141.8310,
-17.1717, 1.0252

45.2160, -14.4035,
-0.1894

168.0160,
-17.7559, 1.7400

25.0850, -12.3669,
-0.0745

194.9020,
-18.1927, 1.8399

0.0000, 0.0000,
0.0000

223.3750,
-18.9189, 1.4251

249.9130,
-18.1981, 3.5843

253.5180, -5.6784,

1.2997

■ 91.1730, -15.8613,
0.7253

■ 91.1730, -15.8613,
0.7253

■ 89.7340, -20.0819,
1.1103

■ 92.6120, -11.6407,
0.3403

■ 88.1100, -23.7182,
0.7805

■ 94.2360, -8.0043,
0.6700

■ 86.6710, -27.9388,
1.1655

■ 95.6750, -3.7838,
0.2850

■ 85.2320, -32.1594,
1.5505

■ 97.1140, 0.4368,
-0.1000

■ 83.7930, -36.3799,
1.9355

■ 98.5530, 4.6574,
-0.4850

■ 82.1690, -40.0163,
1.6058

■ 100.1770, 8.2937,
-0.1552

■ 82.0550, -40.4531,
1.7058

■ 101.6160, 12.5143,
-0.5402

■ 103.0550, 16.7349,
-0.9252

■ 104.3800, 20.5187,
-1.2103

Harmonies

Analogous

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



93.1040, -17.7993, 15.6948



91.1730, -15.8613, 0.7253



88.6100, -8.6817, -15.4440

Triad

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



91.1730, -15.8613, 0.7253



83.4640, 19.4912, -45.1339



96.2190, 1.3710, 26.9949

Complementary

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



91.1730, -15.8613, 0.7253



64.8270, 15.8613, -0.7253

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.



96.4330, 10.1395, 14.5293



91.1730, -15.8613, 0.7253



89.6990, 19.8684, -26.0460

Square

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



91.1730, -15.8613, 0.7253



81.3190, 12.6607, -47.6378



94.9190, 16.3089, -4.3140



95.0640, -6.9336, 30.6389

Rectangle

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



91.1730, -15.8613, 0.7253



86.2540, -2.0972, -27.4098



94.9190, 16.3089, -4.3140



96.2940, 4.2921, 23.4212

Sweetspot

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



91.1730, -15.8613, 0.7253



122.6920, -6.2572, 0.2701



72.7100, -6.7590, 21.3023



62.6750, -3.7838, 0.2850



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



91.1730, -15.8613, 0.7253



115.8820, -24.5918, 0.9805



85.7910, -13.2080, -10.3407



47.5440, -1.7472, 0.3999



94.7470, -46.7103, 1.9759



203.0720, -100.1145, 4.3219

Inverse Universe

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



64.8270, 15.8613, -0.7253



75.1180, 24.5918, -0.9805



70.2090, 13.2080, 10.3407



44.4560, 1.7472, -0.3999



17.2530, 46.7103, -1.9759



36.9280, 100.1145, -4.3219

Previews

White Background



This preview shows how the YUV color 91.1730, -15.8613, 0.7253 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 × Fail

Black Background



This preview shows how the YUV color 91.1730, -15.8613, 0.7253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

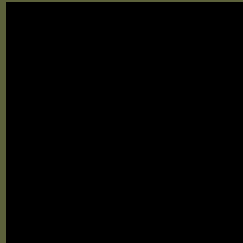
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.1730, -15.8613, 0.7253

Background



This preview shows how black text looks on a background with the YUV color 91.1730, -15.8613, 0.7253.



This preview shows how white text looks on a background with the YUV color 91.1730, -15.8613,

0.7253.

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

91.1730, -15.8613, 0.7253

Protanopia

92.2880, -16.9040, 8.5174

Deuteranopia

93.5710, -16.0575, 17.0392



Tritanopia

94.2930, 2.3206, 2.3740

Trichromacy



Original Color

91.1730, -15.8613, 0.7253

Protanomaly

91.6790, -16.6037, 5.5435

Deuteranomaly

92.8260, -16.1832, 10.6766

Tritanomaly

93.1590, -4.5154, 1.6146

Monochromacy



Original Color

91.1730, -15.8613, 0.7253

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8060, -5.8204, 0.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.1730, -15.8613, 0.7253 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(92, 97, 59)` looks like.

```
.text, #text, p{  
    color:rgb(92, 97, 59)  
}
```

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(92, 97, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 97, 59) }
```

Border

The CSS property to change the border of an element to YUV 91.1730, -15.8613, 0.7253 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(92, 97, 59) }
```


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

```
.border{ border-color:rgb(92, 97, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 97, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 97, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 97, 59);  
box-shadow:4px 4px 4px 4px rgb(92, 97, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 91.1730, -15.8613, 0.7253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 97, 59) }
```

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

```
.background{ background-color: rgb(92, 97,  
59) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor