

Converting Colors

YUV(73.6730, 9.0352, -51.4562)

Have a look what the booklet for
YUV(73.6730, 9.0352, -51.4562)
contains.

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Color

**YUV(73.6730, 9.0352,
-51.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	0F645C
RGB	15, 100, 92
RGB Percent	6%, 39%, 36%
CMY	0.9412, 0.6078, 0.6392
CMYK	0.85, 0.00, 0.08, 0.61
HSL	174°, 74%, 23%
HSV	174°, 85%, 39%
XYZ	6.6859, 9.9886, 11.7008
YIQ	73.6730, -48.0920, -20.5080

Conversions

Conversions Part 2

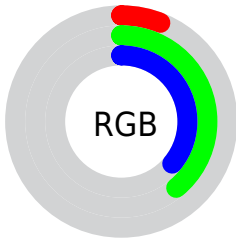
Format	Color
R_{YB}	15, 60, 100
Decimal	1008732
CIE _{Lab}	37.82, -25.59, -2.29
CIE _{LCh}	38, 25.693, 185.112
Yxy	9.9886, 0.2356, 0.3520
Android (android.graphics.Color)	4279198812 (0xFF0F645C)
YUV	73.6730, 9.0352, -51.4562
Hunter-Lab	31.6048, -17.5469, 0.1728

Details

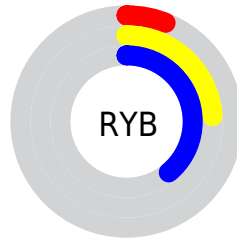
The YUV color **73.6730, 9.0352, -51.4562** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **41.3270, -9.0352, 51.4562**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8480, 6.9769, -44.5937**, and **35.7680, 5.0444, -31.3685** is the 20% darker color. If you saturate the color by 10%, you get **70.5690, 10.0725, -57.5040**, and if you desaturate by 10%, it is **76.7770, 7.9979, -45.4084**.

Distribution



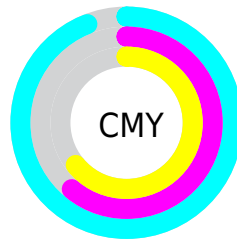
- Red (6%)
- Green (39%)
- Blue (36%)



- Red (6%)
- Yellow (24%)
- Blue (39%)



- Cyan (85%)
- Magenta (0%)
- Yellow (8%)
- Black (61%)



- Cyan (94%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.6730, 9.0352, -51.4562 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 73.6730, 9.0352, -51.4562 by changing the saturation by 10% instead.

■ 73.6730, 9.0352,
-51.4562

■ 73.6730, 9.0352,
-51.4562

255.0000, 0.0000,
0.0000

■ 52.4780, 8.1453,
-46.0232

■ 127.8480, 6.9769,
-44.5937

■ 35.7680, 5.0444,
-31.3685

■ 154.8480, 6.9769,
-44.5937

■ 21.7480, 2.0962,
-19.0730

■ 182.4350, 6.6875,
-45.1085

■ 0.0000, 0.0000,
0.0000

■ 210.1360, 6.8350,
-45.7233

■ 234.3260, 8.7133,
-41.5049

■ 243.0400, 5.8963,

-24.5911

251.7110, 1.6215,
-6.7625

73.6730, 9.0352,
-51.4562

73.6730, 9.0352,
-51.4562

70.5690, 10.0725,
-57.5040

76.7770, 7.9979,
-45.4084

69.0740, 10.8095,
-60.5779

79.8810, 6.9607,
-39.3606

82.9850, 5.9234,
-33.3128

86.0890, 4.8861,
-27.2651

89.1930, 3.8489,
-21.2173

■ 92.2970, 2.8116,
-15.1695

■ 95.4010, 1.7743,
-9.1217

■ 98.5050, 0.7370,
-3.0739

■ 101.4950, -0.7370,
3.0739

Harmonies

Analogous

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



81.4560, -5.1548, -26.7099



73.6730, 9.0352, -51.4562



70.8810, 20.2717, -62.1626

Triad

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



73.6730, 9.0352, -51.4562



90.8600, 15.8450, 4.5078



89.0450, -18.2632, 24.5165

Complementary

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



73.6730, 9.0352, -51.4562



41.3270, -9.0352, 51.4562

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.



89.5220, -11.5963, 32.8682



73.6730, 9.0352, -51.4562



91.5050, 7.6390, 23.2361

Square

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



73.6730, 9.0352, -51.4562



86.7860, 21.3045, -19.9833



90.3400, -2.1396, 33.0278



87.2020, -19.8196, 10.3468

Rectangle

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



73.6730, 9.0352, -51.4562



70.9610, 25.6552, -62.2328



90.3400, -2.1396, 33.0278



88.9360, -16.2374, 28.1201

Sweetspot

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



73.6730, 9.0352, -51.4562



119.4920, 3.7014, -20.6025



67.5860, -25.9249, -38.2249



59.7920, 2.0745, -12.0956



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



73.6730, 9.0352, -51.4562



89.7620, 13.9213, -78.7213



54.6270, 22.3689, -34.7529



49.5050, 0.7370, -3.0739



79.3610, 12.1470, -69.5996



167.0200, 25.6261, -146.4765

Inverse Universe

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



41.3270, -9.0352, 51.4562



40.2380, -13.9213, 78.7213



60.3730, -22.3689, 34.7529



47.4950, -0.7370, 3.0739



35.6390, -12.1470, 69.5996



74.9800, -25.6261, 146.4765

Previews

White Background



This preview shows how the YUV color 73.6730, 9.0352, -51.4562 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



This preview shows how the YUV color 73.6730, 9.0352, -51.4562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

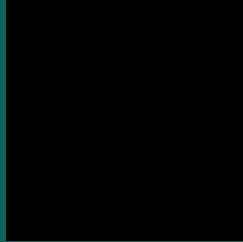
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.6730, 9.0352, -51.4562

Background



This preview shows how black text looks on a background with the YUV color 73.6730, 9.0352, -51.4562.



This preview shows how white text looks on a background with the YUV color 73.6730, 9.0352, -51.4562.

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

73.6730, 9.0352, -51.4562

Protanopia

88.5550, -1.7526, 2.1443

Deuteranopia

89.7170, 2.6045, 4.6332



Tritanopia

77.9820, 13.8129, -43.8342

Trichromacy



Original Color

73.6730, 9.0352, -51.4562

Protanomaly

82.8730, 2.5276, -17.4286

Deuteranomaly

83.8670, 4.9956, -15.6694

Tritanomaly

76.5040, 12.0765, -46.9230

Monochromacy



Original Color

73.6730, 9.0352, -51.4562

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8020, 3.5486, -18.2434

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.6730, 9.0352, -51.4562 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(15, 100, 92)` looks like.

```
.text, #text, p{  
    color:rgb(15, 100, 92)  
}
```

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(15, 100, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 100, 92) }
```

Border

The CSS property to change the border of an element to YUV 73.6730, 9.0352, -51.4562 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(15, 100, 92) }
```


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

```
.border{ border-color:rgb(15, 100, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 100, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 100, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 100, 92);  
box-shadow:4px 4px 4px 4px rgb(15, 100,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 73.6730, 9.0352, -51.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 100, 92) }
```

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

```
.background{ background-color: rgb(15, 100,  
92) }
```

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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