

Converting Colors

YUV(71.2740, 17.6129,
-49.3523)

Have a look what the booklet for
YUV(71.2740, 17.6129, -49.3523)
contains.

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Color

**YUV(71.2740, 17.6129,
-49.3523)**

Conversions

Conversions Part 1

Format	Color
Hex	0F5D6B
RGB	15, 93, 107
RGB Percent	6%, 36%, 42%
CMY	0.9412, 0.6353, 0.5804
CMYK	0.86, 0.13, 0.00, 0.58
HSL	189°, 75%, 24%
HSV	189°, 86%, 42%
XYZ	6.7652, 8.9918, 15.2889
YIQ	71.2740, -50.9820, -12.1820

Conversions

Conversions Part 2

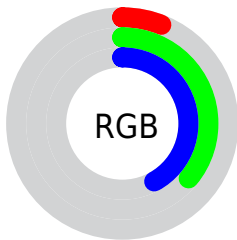
Format	Color
RYB	15, 57, 107
Decimal	1006955
CIELab	35.97, -16.79, -14.35
CIElCh	36, 22.087, 220.525
Yxy	8.9918, 0.2179, 0.2896
Android (android.graphics.Color)	4279197035 (0xFF0F5D6B)
YUV	71.2740, 17.6129, -49.3523
Hunter-Lab	29.9863, -12.2048, -9.2394

Details

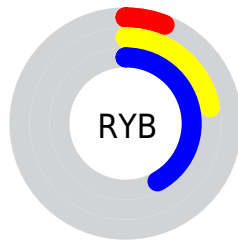
The YUV color **71.2740, 17.6129, -49.3523** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **50.7260, -17.6129, 49.3523**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8620, 15.8440, -41.9750**, and **34.4290, 12.6065, -30.1942** is the 20% darker color. If you saturate the color by 10%, you get **66.8110, 19.8132, -55.0852**, and if you desaturate by 10%, it is **75.7370, 15.4127, -43.6193**.

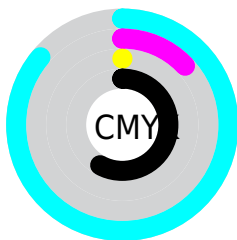
Distribution



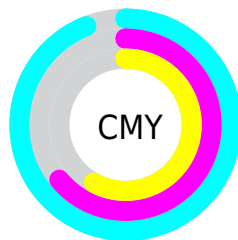
- Red (6%)
- Green (36%)
- Blue (42%)



- Red (6%)
- Yellow (22%)
- Blue (42%)



- Cyan (86%)
- Magenta (13%)
- Yellow (0%)
- Black (58%)



- Cyan (94%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2740, 17.6129, -49.3523 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 71.2740, 17.6129, -49.3523 by changing the saturation by 10% instead.

71.2740, 17.6129,
-49.3523

71.2740, 17.6129,
-49.3523

255.0000, 0.0000,
0.0000

49.9650, 16.2863,
-43.8193

125.8620, 15.8440,
-41.9750

34.4290, 12.6065,
-30.1942

152.2750, 16.1334,
-41.4602

20.1810, 8.7848,
-17.6987

179.3890, 16.5702,
-41.5602

2.5250, 7.1362,
-2.2144

207.3890, 16.5702,
-41.5602

0.0000, 0.0000,
0.0000

234.3800, 10.1657,
-40.6753

243.6380, 5.6015,

-23.3615

■ 252.3090, 1.3267,
-5.5330

■ 71.2740, 17.6129,
-49.3523

■ 71.2740, 17.6129,
-49.3523

■ 66.8110, 19.8132,
-55.0852

■ 75.7370, 15.4127,
-43.6193

■ 65.6150, 20.4028,
-57.5444

■ 79.3140, 13.6492,
-37.9864

■ 83.7770, 11.4489,
-32.2534

■ 88.2400, 9.2487,
-26.5205

■ 92.1160, 7.3378,
-20.2727

■ 96.2800, 5.2850,
-15.1546

■ 100.1560, 3.3741,
-8.9068

■ 104.6190, 1.1738,
-3.1739

■ 108.7830, -0.8790,
1.9443

Harmonies

Analogous

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



73.2120, 8.2765, -41.4049



71.2740, 17.6129, -49.3523



78.2420, 19.6007, -33.5382

Triad

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



71.2740, 17.6129, -49.3523



86.8100, 5.0237, 22.0916



82.9780, -16.7512, 6.1583

Complementary

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



71.2740, 17.6129, -49.3523



50.7260, -17.6129, 49.3523

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.



84.4680, -16.4997, 18.8836



71.2740, 17.6129, -49.3523



86.2640, -3.5812, 28.7095

Square

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



71.2740, 17.6129, -49.3523



86.9590, 12.3452, 7.0520



85.4890, -11.5801, 27.6351



80.5570, -11.6136, -8.3815

Rectangle

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



71.2740, 17.6129, -49.3523



82.1020, 18.6837, -19.3835



85.4890, -11.5801, 27.6351



83.5980, -17.0568, 10.8766

Sweetspot

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



71.2740, 17.6129, -49.3523



126.3010, 6.7536, -19.5580



70.6000, -20.5088, -48.7612



62.6610, 4.1111, -11.9807



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



71.2740, 17.6129, -49.3523



85.8130, 26.7142, -75.2580



44.2720, 30.9249, -25.6715



51.6190, 1.1738, -3.1739



71.4510, 22.4557, -62.6625



150.0260, 46.8222, -131.5728

Inverse Universe

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



51.4000, 20.5088, 48.7612



55.4260, 31.3420, 74.1714



77.7280, -30.9249, 25.6715



50.3640, 1.2995, 3.1888



46.2690, 25.9964, 62.0311



96.9670, 54.7393, 129.8249

Previews

White Background



This preview shows how the YUV color 71.2740, 17.6129, -49.3523 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 71.2740, 17.6129, -49.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

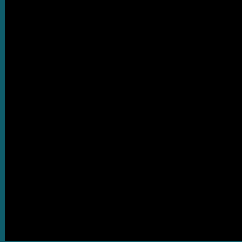
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.2740, 17.6129, -49.3523

Background



This preview shows how black text looks on a background with the YUV color 71.2740, 17.6129, -49.3523.



This preview shows how white text looks on a background with the YUV color 71.2740, 17.6129,

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

71.2740, 17.6129, -49.3523

Protanopia

85.0410, 7.8678, -3.5440

Deuteranopia

84.7680, 11.9464, -5.0585



Tritanopia

66.6920, 16.9138, -58.4889

Trichromacy



Original Color

71.2740, 17.6129, -49.3523

Protanomaly

79.8540, 11.4110, -20.0430

Deuteranomaly

80.1250, 13.7424, -21.1576

Tritanomaly

68.4150, 17.0504, -55.6150

Monochromacy



Original Color

71.2740, 17.6129, -49.3523

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1980, 6.3114, -17.7136

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2740, 17.6129, -49.3523 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, 93, 107)` looks like.

```
.text, #text, p{  
    color:rgb(15, 93, 107)  
}
```

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, 93, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 93, 107) }
```

Border

The CSS property to change the border of an element to YUV 71.2740, 17.6129, -49.3523 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, 93, 107) }
```


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

```
.border{ border-color:rgb(15, 93, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 93, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 93, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 93, 107);  
box-shadow:4px 4px 4px 4px rgb(15, 93,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 71.2740, 17.6129, -49.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 93, 107) }
```

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

```
.background{ background-color: rgb(15, 93,  
107) }
```

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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