

Converting Colors

YUV(74.5140, 13.5506,
-53.0708)

Have a look what the booklet for
YUV(74.5140, 13.5506, -53.0708)
contains.

| | |
|--|----|
| YUV(74.5140, 13.5506, -53.0708) | 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(74.5140, 13.5506,
-53.0708)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0E6466 |
| RGB | 14, 100, 102 |
| RGB Percent | 5%, 39%, 40% |
| CMY | 0.9451, 0.6078, 0.6000 |
| CMYK | 0.86, 0.02, 0.00, 0.60 |
| HSL | 181°, 76%, 23% |
| HSV | 181°, 86%, 40% |
| XYZ | 7.1365, 10.1670, 14.1567 |
| YIQ | 74.5140, -51.8980, -17.6100 |

Conversions

Conversions Part 2

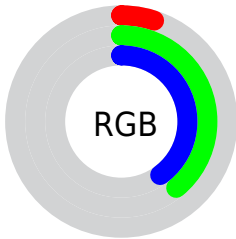
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 14, 57, 102 |
| Decimal | 943206 |
| CIELab | 38.14, -22.43, -7.97 |
| CIELCh | 38, 23.803, 199.575 |
| Yxy | 10.1670, 0.2268, 0.3232 |
| Android (android.graphics.Color) | 4279133286 (0xFF0E6466) |
| YUV | 74.5140, 13.5506, -53.0708 |
| Hunter-Lab | 31.8858, -15.8489, -4.0036 |

Details

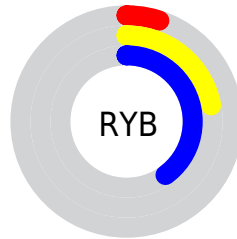
The YUV color **74.5140, 13.5506, -53.0708** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **41.4860, -13.5506, 53.0708**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1020, 11.7817, -45.6935**, and **37.3810, 8.6862, -32.7831** is the 20% darker color. If you saturate the color by 10%, you get **71.5240, 15.0247, -59.2185**, and if you desaturate by 10%, it is **77.5040, 12.0765, -46.9230**.

Distribution



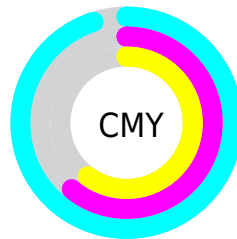
- Red (5%)
- Green (39%)
- Blue (40%)



- Red (5%)
- Yellow (22%)
- Blue (40%)



- Cyan (86%)
- Magenta (2%)
- Yellow (0%)
- Black (60%)



- Cyan (95%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.5140, 13.5506, -53.0708 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 74.5140, 13.5506, -53.0708 by changing the saturation by 10% instead.

■ 74.5140, 13.5506,
-53.0708

■ 74.5140, 13.5506,
-53.0708

255.0000, 0.0000,
0.0000

■ 53.5040, 12.0765,
-46.9230

■ 129.1020, 11.7817,
-45.6935

■ 37.3810, 8.6862,
-32.7831

■ 156.4010, 11.6343,
-45.0787

■ 22.6600, 5.5906,
-19.8728

■ 183.9880, 11.3449,
-45.5935

■ 1.3680, 5.2416,
-1.1997

■ 211.9880, 11.3449,
-45.5935

■ 0.0000, 0.0000,
0.0000

■ 234.9670, 9.8763,
-41.1901

■ 243.6380, 5.6015,

-23.3615

252.3090, 1.3267,
-5.5330

74.5140, 13.5506,
-53.0708

74.5140, 13.5506,
-53.0708

71.5240, 15.0247,
-59.2185

77.5040, 12.0765,
-46.9230

70.3280, 15.6143,
-61.6777

80.4940, 10.6025,
-40.7752

84.3700, 8.6916,
-34.5275

87.3600, 7.2175,
-28.3797

90.3500, 5.7435,
-22.2319

■ 93.3400, 4.2694,
-16.0842

■ 96.9170, 2.5059,
-10.4512

■ 100.2060, 0.8844,
-3.6887

■ 103.1960, -0.5896,
2.4591

Harmonies

Analogous

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



80.9050, 0.5398, -33.2427



74.5140, 13.5506, -53.0708



75.5770, 21.4075, -53.1260

Triad

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



74.5140, 13.5506, -53.0708



92.0630, 11.3079, 13.0997



88.7020, -18.0941, 16.9243

Complementary

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



74.5140, 13.5506, -53.0708



41.4860, -13.5506, 53.0708

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.



90.3920, -14.4903, 27.7202



74.5140, 13.5506, -53.0708



91.8600, 2.5340, 27.3098

Square

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



74.5140, 13.5506, -53.0708



89.9510, 17.7722, -6.9730



90.8900, -6.3548, 31.6685



87.5430, -17.0297, 2.1548

Rectangle

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



74.5140, 13.5506, -53.0708



81.3770, 21.5061, -38.0416



90.8900, -6.3548, 31.6685



89.5500, -17.5262, 21.4426

Sweetspot

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



74.5140, 13.5506, -53.0708



121.9480, 5.4486, -21.0024



65.7700, -25.0296, -45.4023



60.0200, 2.9481, -12.2955



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.



74.5140, 13.5506, -53.0708



91.4720, 20.4733, -80.2209



49.2730, 25.9944, -30.9344



49.5050, 0.7370, -3.0739



78.8540, 17.8200, -69.1550



166.7070, 37.1194, -146.2020

Inverse Universe

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



50.1160, 24.5928, 45.5023



54.5870, 37.1786, 68.7682



66.7270, -25.9944, 30.9344



48.0650, 1.4470, 2.5740



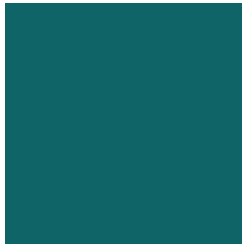
47.1530, 31.9696, 59.5018



99.3760, 67.8486, 125.0812

Previews

White Background



This preview shows how the YUV color 74.5140, 13.5506, -53.0708 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 74.5140, 13.5506, -53.0708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

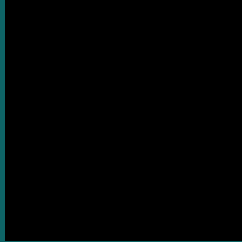
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.5140, 13.5506, -53.0708

Background



This preview shows how black text looks on a background with the YUV color 74.5140, 13.5506, -53.0708.



This preview shows how white text looks on a background with the YUV color 74.5140, 13.5506, -53.0708.

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

74.5140, 13.5506, -53.0708

Protanopia

89.6840, 2.6208, -0.5999

Deuteranopia

90.2480, 7.2727, 0.6595



Tritanopia

76.5900, 14.9921, -48.7524

Trichromacy



Original Color

74.5140, 13.5506, -53.0708

Protanomaly

84.3010, 6.7536, -19.5580

Deuteranomaly

84.6970, 9.5164, -19.0283

Tritanomaly

75.4650, 14.5608, -50.3968

Monochromacy



Original Color

74.5140, 13.5506, -53.0708

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8450, 5.0064, -19.1581

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.5140, 13.5506, -53.0708 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(14, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(14, 100, 102)  
}
```

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(14, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 100, 102) }
```

Border

The CSS property to change the border of an element to YUV 74.5140, 13.5506, -53.0708 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(14, 100, 102) }
```


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

```
.border{ border-color:rgb(14, 100, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 100, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(14, 100,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 74.5140, 13.5506, -53.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 100, 102) }
```

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

```
.background{ background-color: rgb(14, 100,  
102) }
```

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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