

Converting Colors

YUV(76.5300, 13.0497, 14.4442)

Have a look what the booklet for
YUV(76.5300, 13.0497, 14.4442)
contains.

YUV(76.5300, 13.0497, 14.4442)	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(76.5300, 13.0497,
14.4442)**

Conversions

Conversions Part 1

Format	Color
Hex	5D3F67
RGB	93, 63, 103
RGB Percent	36%, 25%, 40%
CMY	0.6353, 0.7529, 0.5961
CMYK	0.10, 0.39, 0.00, 0.60
HSL	285°, 24%, 33%
HSV	285°, 39%, 40%
XYZ	8.7399, 6.8614, 13.6957
YIQ	76.5300, 5.0400, 18.8000

Conversions

Conversions Part 2

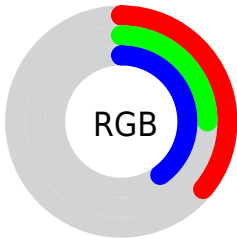
Format	Color
RYB	93, 63, 103
Decimal	6111079
CIELab	31.49, 20.98, -18.33
CIElCh	31, 27.863, 318.862
Yxy	6.8614, 0.2983, 0.2342
Android (android.graphics.Color)	4284301159 (0xFF5D3F67)
YUV	76.5300, 13.0497, 14.4442
Hunter-Lab	26.1944, 13.7174, -12.6637

Details

The YUV color **76.5300, 13.0497, 14.4442** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.4700, -13.0497, -14.4442**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.7690, 13.9179, 15.9886**, and **31.2910, 12.1815, 12.8998** is the 20% darker color. If you saturate the color by 10%, you get **69.7630, 16.3858, 17.7478**, and if you desaturate by 10%, it is **83.2970, 9.7136, 11.1405**.

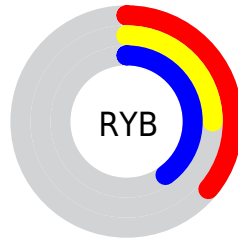
Distribution



Red (36%)

Green (25%)

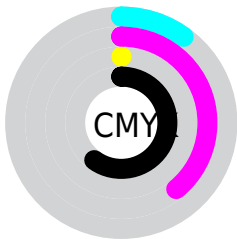
Blue (40%)



Red (36%)

Yellow (25%)

Blue (40%)

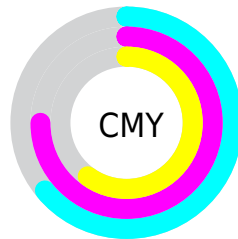


Cyan (10%)

Magenta (39%)

Yellow (0%)

Black (60%)



Cyan (64%)

Magenta (75%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5300, 13.0497, 14.4442 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 76.5300, 13.0497, 14.4442 by changing the saturation by 10% instead.

■ 76.5300, 13.0497,
14.4442

■ 76.5300, 13.0497,
14.4442

■ 255.0000, 0.0000,
0.0000

■ 53.7040, 12.4709,
13.4146

■ 125.7690, 13.9179,
15.9886

■ 31.2910, 12.1815,
12.8998

■ 152.1820, 14.2073,
16.5034

■ 12.3620, 11.1605,
13.7145

■ 178.7090, 14.9335,
16.9182

■ 1.0260, 3.9312,
-0.8998

■ 206.1220, 15.2229,
17.4330

■ 0.0000, 0.0000,
0.0000

■ 233.2810, 10.7075,
19.0476

■ 250.3040, 2.3151,

4.1184

■ 76.5300, 13.0497,
14.4442

■ 76.5300, 13.0497,
14.4442

■ 69.7630, 16.3858,
17.7478

■ 83.2970, 9.7136,
11.1405

■ 62.7080, 19.8640,
22.1811

■ 90.3520, 6.2355,
6.7073

■ 55.9410, 23.2001,
25.4847

■ 97.1190, 2.8993,
3.4036

■ 49.4730, 26.3888,
29.4032

■ 103.5870, -0.2894,
-0.5148

■ 42.7060, 29.7249,
32.7068

■ 110.9410, -3.9149,
-4.3333

■ 35.6510, 33.2031,
37.1401

■ 117.4090, -7.1036,
-8.2517

■ 34.7650, 33.6399,
37.0401

■ 124.1760,
-10.4398, -11.5554

■ 130.9430,
-13.7759, -14.8590

■ 137.9980,
-17.2540, -19.2922

Harmonies

Analogous

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



74.2110, 20.1090, -9.8320



76.5300, 13.0497, 14.4442



75.8110, 3.5442, 29.9838

Triad

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



76.5300, 13.0497, 14.4442



72.6160, -21.0097, 18.7538



59.8130, 13.4032, -52.4560

Complementary

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



76.5300, 13.0497, 14.4442



89.4700, -13.0497, -14.4442

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.



58.8000, 3.0566, -47.1826



76.5300, 13.0497, 14.4442



70.8590, -19.6505, 2.7547

Square

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



76.5300, 13.0497, 14.4442



73.7730, -15.6641, 30.8941



67.5020, -11.5865, -17.1033



60.8050, 22.2811, -53.3260

Rectangle

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



76.5300, 13.0497, 14.4442



75.0090, -3.4554, 35.0721



67.5020, -11.5865, -17.1033



59.0150, 10.3456, -51.7562

Sweetspot

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



76.5300, 13.0497, 14.4442



124.4120, 5.2199, 5.7777



73.4300, 14.5780, -9.1471



62.2330, 3.3361, 3.3037



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



76.5300, 13.0497, 14.4442



93.2350, 20.5901, 22.5959



78.3800, 7.2077, 21.5917



47.7660, 1.5944, 1.9592



38.8240, 37.5548, 41.3734



82.0060, 78.8770, 87.6947

Inverse Universe

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



76.1000, -1.5283, 23.5913



92.6610, -2.2979, 37.1313



87.6200, -7.2077, -21.5917



47.6090, -0.3002, 2.9739



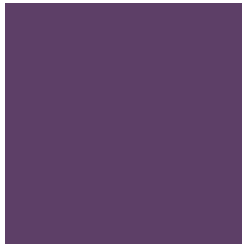
37.6910, -4.2847, 67.8000



79.3120, -9.0278, 142.6774

Previews

White Background



This preview shows how the YUV color 76.5300, 13.0497, 14.4442 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 76.5300, 13.0497, 14.4442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

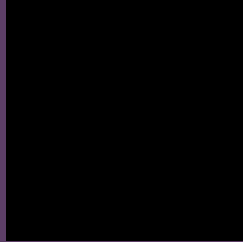
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.5300, 13.0497, 14.4442

Background



This preview shows how black text looks on a background with the YUV color 76.5300, 13.0497, 14.4442.



This preview shows how white text looks on a background with the YUV color 76.5300, 13.0497,

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

76.5300, 13.0497, 14.4442

Protanopia

73.7440, 18.3672, -11.1765

Deuteranopia

74.3980, 13.1148, -6.4880



Tritanopia

75.5500, -0.7642, 11.7956

Trichromacy



Original Color

76.5300, 13.0497, 14.4442

Protanomaly

74.6420, 16.4455, -1.4400

Deuteranomaly

74.8550, 13.3825, 1.0042

Tritanomaly

75.9290, 4.4720, 12.3403

Monochromacy



Original Color

76.5300, 13.0497, 14.4442

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8850, 4.4937, 5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5300, 13.0497, 14.4442 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(93, 63, 103)` looks like.

```
.text, #text, p{  
    color:rgb(93, 63, 103)  
}
```

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(93, 63, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 63, 103) }
```

Border

The CSS property to change the border of an element to YUV 76.5300, 13.0497, 14.4442 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(93, 63, 103) }
```


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

```
.border{ border-color:rgb(93, 63, 103) }
```

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

Here you see how a box with a 4 pixel rgb(93, 63, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 63, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 63, 103);  
box-shadow:4px 4px 4px 4px rgb(93, 63,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 76.5300, 13.0497, 14.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 63, 103) }
```

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

```
.background{ background-color: rgb(93, 63,  
103) }
```

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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