

Converting Colors

YUV(91.4000, 13.6068, 22.4512)

Have a look what the booklet for
YUV(91.4000, 13.6068, 22.4512)
contains.

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Color

**YUV(91.4000, 13.6068,
22.4512)**

Conversions

Conversions Part 1

Format	Color
Hex	754977
RGB	117, 73, 119
RGB Percent	46%, 29%, 47%
CMY	0.5412, 0.7137, 0.5333
CMYK	0.02, 0.39, 0.00, 0.53
HSL	297°, 24%, 38%
HSV	297°, 39%, 47%
XYZ	13.0484, 9.8789, 18.6719
YIQ	91.4000, 11.4580, 23.6340

Conversions

Conversions Part 2

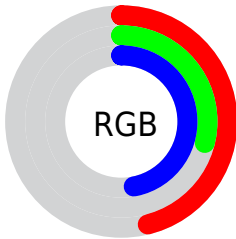
Format	Color
R_{YB}	117, 73, 119
Decimal	7686519
CIE _{Lab}	37.62, 26.80, -18.66
CIE _{LCh}	38, 32.653, 325.149
Yxy	9.8789, 0.3137, 0.2375
Android (android.graphics.Color)	4285876599 (0xFF754977)
YUV	91.4000, 13.6068, 22.4512
Hunter-Lab	31.4307, 19.1003, -13.2205

Details

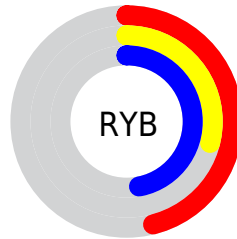
The YUV color **91.4000, 13.6068, 22.4512** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **100.6000, -13.6068, -22.4512**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.5250, 14.0382, 24.0956**, and **43.8620, 12.8860, 20.2920** is the 20% darker color. If you saturate the color by 10%, you get **84.0570, 17.2269, 28.0140**, and if you desaturate by 10%, it is **98.7430, 9.9867, 16.8884**.

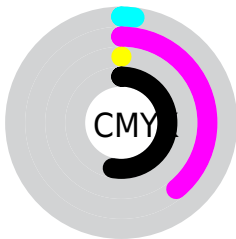
Distribution



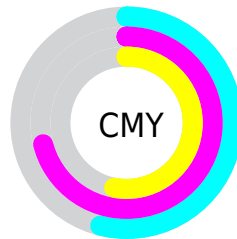
- Red (46%)
- Green (29%)
- Blue (47%)



- Red (46%)
- Yellow (29%)
- Blue (47%)



- Cyan (2%)
- Magenta (39%)
- Yellow (0%)
- Black (53%)



- Cyan (54%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.4000, 13.6068, 22.4512 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 91.4000, 13.6068, 22.4512 by changing the saturation by 10% instead.

91.4000, 13.6068,
22.4512

91.4000, 13.6068,
22.4512

255.0000, 0.0000,
0.0000

67.5740, 13.0280,
21.4216

142.5250, 14.0382,
24.0956

43.8620, 12.8860,
20.2920

169.3510, 14.6170,
25.1252

20.9760, 13.3228,
20.1920

196.7640, 14.9063,
25.6400

9.6560, 8.5506,
10.8257

224.4760, 15.0483,
26.7695

0.0000, 0.0000,
0.0000

241.4990, 6.6560,
11.8404

91.4000, 13.6068,
22.4512

91.4000, 13.6068,
22.4512

84.0570, 17.2269,
28.0140

98.7430, 9.9867,
16.8884

77.0130, 20.6996,
34.1916

105.7870, 6.5140,
10.7108

69.6700, 24.3197,
39.7544

113.1300, 2.8939,
5.1480

62.6260, 27.7924,
45.9320

120.1740, -0.5788,
-1.0296

55.2830, 31.4125,
51.4948

126.9300, -3.9095,
-6.0776

48.8260, 34.5958,
57.1576


133.9740, -7.3822,
-12.2552

47.6520, 35.1746,
58.1872

141.3170,
-11.0023, -17.8180

148.3610,

-14.4750, -23.9956

 155.7040,
-18.0951, -29.5584

Harmonies

Analogous

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



89.0420, 23.1503, -5.2988



91.4000, 13.6068, 22.4512



89.8230, 2.0593, 39.6202

Triad

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



91.4000, 13.6068, 22.4512



86.6500, -25.9565, 18.7239



72.4140, 18.5299, -63.5071

Complementary

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



91.4000, 13.6068, 22.4512



100.6000, -13.6068, -22.4512

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.



69.3360, 6.7364, -60.8077



91.4000, 13.6068, 22.4512



84.1420, -22.2550, -1.8785

Square

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



91.4000, 13.6068, 22.4512



87.8290, -20.6217, 34.3530



79.2620, -10.9752, -26.5398



73.0470, 28.5708, -64.0622

Rectangle

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



91.4000, 13.6068, 22.4512



88.6680, -6.2453, 43.2642



79.2620, -10.9752, -26.5398



71.3880, 14.5987, -62.6073

Sweetspot

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



91.4000, 13.6068, 22.4512



144.5480, 5.6458, 9.1664



79.4180, 19.5139, -5.6286



72.5430, 3.1833, 5.6628



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



91.4000, 13.6068, 22.4512



112.5400, 21.4258, 34.6064



89.6040, 4.1392, 25.7803



55.1790, 1.8838, 2.4740



48.8910, 36.0427, 59.7316



99.9610, 73.9692, 121.9372

Inverse Universe

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



86.9820, -5.9071, 28.0798



105.8700, -9.3029, 43.9640



102.3960, -4.1392, -25.7803



54.7940, -0.8844, 3.6887



37.0480, -15.7997, 74.5029



76.0040, -32.0470, 152.5945

Previews

White Background



This preview shows how the YUV color 91.4000, 13.6068, 22.4512 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 91.4000, 13.6068, 22.4512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

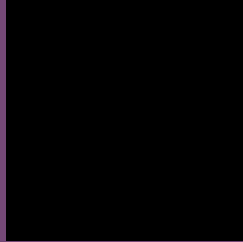
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.4000, 13.6068, 22.4512

Background



This preview shows how black text looks on a background with the YUV color 91.4000, 13.6068, 22.4512.



This preview shows how white text looks on a background with the YUV color 91.4000, 13.6068,

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

91.4000, 13.6068, 22.4512

Protanopia

88.9010, 20.2618, -12.1912

Deuteranopia

89.1100, 13.2568, -5.3585



Tritanopia

90.5510, -2.2436, 19.6878

Trichromacy



Original Color

91.4000, 13.6068, 22.4512

Protanomaly

89.9950, 17.7505, 0.0044

Deuteranomaly

89.8770, 13.3716, 4.4929

Tritanomaly

90.4570, 3.7187, 20.6472

Monochromacy



Original Color

91.4000, 13.6068, 22.4512

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.7220, 5.0671, 8.1368

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.4000, 13.6068, 22.4512 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(117, 73, 119)` looks like.

```
.text, #text, p{  
    color:rgb(117, 73, 119)  
}
```

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(117, 73, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 73, 119) }
```

Border

The CSS property to change the border of an element to YUV 91.4000, 13.6068, 22.4512 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(117, 73, 119) }
```


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

```
.border{ border-color:rgb(117, 73, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 73, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 73, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 73, 119); box-shadow:4px 4px 4px 4px rgb(117, 73, 119) }
```

Background

The CSS property to change the background color of an element to YUV 91.4000, 13.6068, 22.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 73, 119) }
```

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

```
.background{ background-color: rgb(117, 73,  
119) }
```

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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