

Converting Colors

YUV(90.7030, 13.9504, 5.5225)

Have a look what the booklet for
YUV(90.7030, 13.9504, 5.5225)
contains.

YUV(90.7030, 13.9504, 5.5225)	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(90.7030, 13.9504,
5.5225)**

Conversions

Conversions Part 1

Format	Color
Hex	615277
RGB	97, 82, 119
RGB Percent	38%, 32%, 47%
CMY	0.6196, 0.6784, 0.5333
CMYK	0.18, 0.31, 0.00, 0.53
HSL	264°, 18%, 39%
HSV	264°, 31%, 47%
XYZ	11.2768, 9.9079, 18.7708
YIQ	90.7030, -2.9370, 14.6870

Conversions

Conversions Part 2

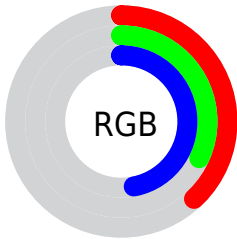
Format	Color
R_{YB}	97, 82, 119
Decimal	6378103
CIE Lab	37.68, 14.32, -18.77
CIE LCh	38, 23.608, 307.357
Yxy	9.9079, 0.2822, 0.2480
Android (android.graphics.Color)	4284568183 (0xFF615277)
YUV	90.7030, 13.9504, 5.5225
Hunter-Lab	31.4768, 8.8648, -13.3232

Details

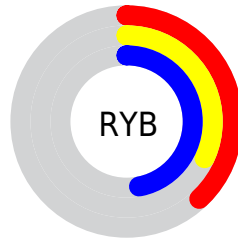
The YUV color **90.7030, 13.9504, 5.5225** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **110.2970, -13.9504, -5.5225**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6430, 14.9660, 6.4521**, and **44.6490, 12.4980, 4.6928** is the 20% darker color. If you saturate the color by 10%, you get **81.5660, 18.4550, 7.3966**, and if you desaturate by 10%, it is **99.8400, 9.4459, 3.6483**.

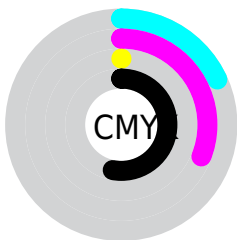
Distribution



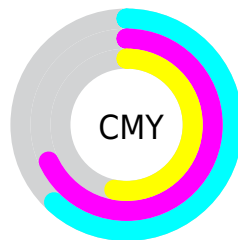
- Red (38%)
- Green (32%)
- Blue (47%)



- Red (38%)
- Yellow (32%)
- Blue (47%)



- Cyan (18%)
- Magenta (31%)
- Yellow (0%)
- Black (53%)



- Cyan (62%)
- Magenta (68%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.7030, 13.9504, 5.5225 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 90.7030, 13.9504, 5.5225 by changing the saturation by 10% instead.

90.7030, 13.9504,
5.5225

90.7030, 13.9504,
5.5225

255.0000, 0.0000,
0.0000

67.1760, 13.2242,
5.1076

140.6430, 14.9660,
6.4521

44.6490, 12.4980,
4.6928

167.7570, 15.4028,
6.3521

23.8230, 11.9193,
3.6632

194.8710, 15.8396,
6.2521

3.0780, 11.7935,
-2.6994

222.5830, 15.9816,
7.3817

0.0000, 0.0000,
0.0000

246.7820, 4.0515,
7.2072

90.7030, 13.9504,
5.5225

90.7030, 13.9504,
5.5225

81.5660, 18.4550,
7.3966

99.8400, 9.4459,
3.6483

72.4290, 22.9595,
9.2708

108.9770, 4.9413,
1.7742

63.2920, 27.4640,
11.1449

118.1140, 0.4368,
-0.1000

54.1550, 31.9686,
13.0191

127.2510, -4.0677,
-1.9741

45.6050, 36.1837,
14.3784

135.8010, -8.2829,
-3.3335

36.4680, 40.6883,
16.2526


144.9380,
-12.7874, -5.2076

27.9180, 44.9034,
17.6119

154.3740,
-17.4394, -6.4670

163.5110,

-21.9439, -8.3411

 172.6480,
-26.4485, -10.2153

Harmonies

Analogous

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



87.2380, 19.1097, -15.9947



90.7030, 13.9504, 5.5225



91.1520, 6.3341, 21.7917

Triad

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



90.7030, 13.9504, 5.5225



88.0770, -16.8000, 21.8575



76.4890, 8.1399, -44.2789

Complementary

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



90.7030, 13.9504, 5.5225



110.2970, -13.9504, -5.5225

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.



81.6950, -4.2866, -25.1655



90.7030, 13.9504, 5.5225



86.9460, -18.2144, 8.8174

Square

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



90.7030, 13.9504, 5.5225



89.7990, -11.7329, 29.9943



84.5140, -13.0714, -7.4668



71.6750, 19.3872, -58.4740

Rectangle

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



90.7030, 13.9504, 5.5225



90.8880, 0.0552, 29.0392



84.5140, -13.0714, -7.4668



78.3820, 3.7557, -38.0460

Sweetspot

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



90.7030, 13.9504, 5.5225



145.0910, 5.3781, 1.6742



99.1320, 9.7949, -15.0248



72.2220, 3.3416, 1.5593



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.



90.7030, 13.9504, 5.5225



111.4890, 21.9439, 8.3411



96.0850, 11.2971, 16.5885



54.2820, 2.3260, 0.6297



28.8580, 45.9190, 18.5415



58.6990, 94.3114, 37.0980

Inverse Universe

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



95.5710, 4.1555, 20.5472



119.2180, 6.3015, 32.2578



104.9150, -11.2971, -16.5885



55.1360, 0.4260, 3.3887



44.8000, 13.9026, 67.7044



91.7360, 28.2312, 138.7975

Previews

White Background



This preview shows how the YUV color 90.7030, 13.9504, 5.5225 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 90.7030, 13.9504, 5.5225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

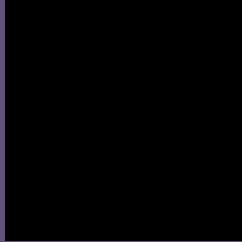
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.7030, 13.9504, 5.5225

Background



This preview shows how black text looks on a background with the YUV color 90.7030, 13.9504, 5.5225.



This preview shows how white text looks on a background with the YUV color 90.7030, 13.9504,

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

90.7030, 13.9504, 5.5225

Protanopia

89.0000, 16.7620, -9.6470

Deuteranopia

88.7400, 14.4252, -6.7880



Tritanopia

89.5920, 2.1731, 2.9888

Trichromacy



Original Color

90.7030, 13.9504, 5.5225

Protanomaly

89.8050, 15.8721, -4.2140

Deuteranomaly

89.3600, 14.1195, -2.0697

Tritanomaly

89.7430, 6.5357, 3.7334

Monochromacy



Original Color

90.7030, 13.9504, 5.5225

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.9770, 4.9413, 1.7742

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.7030, 13.9504, 5.5225 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(97, 82, 119)` looks like.

```
.text, #text, p{  
    color:rgb(97, 82, 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(97, 82, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 82, 119) }
```

Border

The CSS property to change the border of an element to YUV 90.7030, 13.9504, 5.5225 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(97, 82, 119) }
```


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

```
.border{ border-color:rgb(97, 82, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 82, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 82, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 82, 119);  
box-shadow:4px 4px 4px 4px rgb(97, 82,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 90.7030, 13.9504, 5.5225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 82, 119) }
```

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

```
.background{ background-color: rgb(97, 82,  
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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