

Converting Colors

YUV(115.5290, 14.5292, 6.5521)

Have a look what the booklet for
YUV(115.5290, 14.5292, 6.5521)
contains.

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Color

**YUV(115.5290, 14.5292,
6.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6A91
RGB	123, 106, 145
RGB Percent	48%, 42%, 57%
CMY	0.5176, 0.5843, 0.4314
CMYK	0.15, 0.27, 0.00, 0.43
HSL	266°, 16%, 49%
HSV	266°, 27%, 57%
XYZ	18.4332, 16.5634, 29.0136
YIQ	115.5290, -2.3870, 15.7330

Conversions

Conversions Part 2

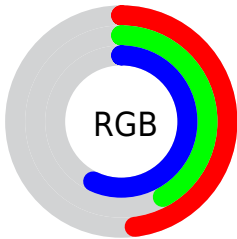
Format	Color
R_{YB}	123, 106, 145
Decimal	8088209
CIE _{Lab}	47.71, 14.83, -18.86
CIE _{LCh}	48, 23.993, 308.167
Yxy	16.5634, 0.2880, 0.2588
Android (android.graphics.Color)	4286278289 (0xFF7B6A91)
YUV	115.5290, 14.5292, 6.5521
Hunter-Lab	40.6981, 9.6257, -13.7790

Details

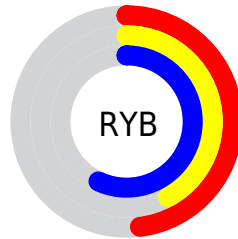
The YUV color **115.5290, 14.5292, 6.5521** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.4710, -14.5292, -6.5521**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4690, 15.5448, 7.4817**, and **67.4750, 13.0768, 5.7224** is the 20% darker color. If you saturate the color by 10%, you get **104.9190, 19.7599, 8.8410**, and if you desaturate by 10%, it is **126.7260, 9.0091, 3.7483**.

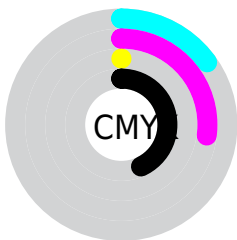
Distribution



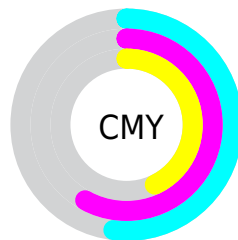
- Red (48%)
- Green (42%)
- Blue (57%)



- Red (48%)
- Yellow (42%)
- Blue (57%)



- Cyan (15%)
- Magenta (27%)
- Yellow (0%)
- Black (43%)



- Cyan (52%)
- Magenta (58%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5290, 14.5292, 6.5521 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 115.5290, 14.5292, 6.5521 by changing the saturation by 10% instead.

■ 115.5290, 14.5292,
6.5521

■ 115.5290, 14.5292,
6.5521

■ 255.0000, 0.0000,
0.0000

■ 91.0020, 13.8030,
6.1372

■ 167.4690, 15.5448,
7.4817

■ 67.4750, 13.0768,
5.7224

■ 194.5830, 15.9816,
7.3817

■ 44.7630, 12.9348,
4.5928

■ 222.8820, 15.8342,
7.9965

■ 23.8230, 11.9193,
3.6632

■ 246.1950, 4.3409,
7.7220

■ 3.0780, 11.7935,
-2.6994

■ 0.0000, 0.0000,
0.0000

■ 115.5290, 14.5292,
6.5521

■ 115.5290, 14.5292,
6.5521

■ 104.9190, 19.7599,
8.8410

■ 126.7260, 9.0091,
3.7483

■ 93.7220, 25.2801,
11.6448

■ 137.3360, 3.7784,
1.4593

■ 82.8130, 30.6582,
13.3190

■ 148.2450, -1.5998,
-0.2149

■ 71.6160, 36.1783,
16.1228

■ 159.4420, -7.1199,
-3.0186

■ 61.0060, 41.4090,
18.4117

■ 170.6390,
-12.6400, -5.8224

■ 49.8090, 46.9292,
21.2155

■ 181.2490,
-17.8708, -8.1114

■ 39.1990, 52.1599,
23.5045


■ 192.4460,
-23.3909, -10.9151

■ 35.3670, 54.0491,

■ 203.0560,

24.2341

-28.6216, -13.2041

 214.5520,
-34.2891, -15.3931

Harmonies

Analogous

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



111.8790, 20.2727, -15.6799



115.5290, 14.5292, 6.5521



116.1630, 6.3286, 23.5360

Triad

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



115.5290, 14.5292, 6.5521



113.3330, -18.4052, 23.3870



102.0870, 7.8451, -43.0493

Complementary

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



115.5290, 14.5292, 6.5521



135.4710, -14.5292, -6.5521

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.



106.0970, -3.9918, -26.3951



115.5290, 14.5292, 6.5521



111.7180, -19.0880, 9.0173

Square

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



115.5290, 14.5292, 6.5521



114.5820, -12.6119, 31.9386



108.9870, -13.7976, -7.8816



101.2740, 17.6129, -49.3523

Rectangle

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



115.5290, 14.5292, 6.5521



115.7850, -0.3870, 30.8836



108.9870, -13.7976, -7.8816



103.3820, 3.7557, -38.0460

Sweetspot

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



115.5290, 14.5292, 6.5521



177.5040, 5.6675, 2.1890



123.3600, 10.6685, -15.2247



87.2220, 3.3416, 1.5593



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



115.5290, 14.5292, 6.5521



143.0270, 22.6647, 10.5003



121.2100, 11.7285, 18.2328



65.6950, 2.6154, 1.1445



33.0310, 50.2707, 22.7748



1.8090, 3.0522, 1.0445

Inverse Universe

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



120.1690, 3.8607, 21.7768



150.1150, 5.8593, 34.1021



129.7900, -11.7285, -18.2328



66.5490, 0.7153, 3.9035



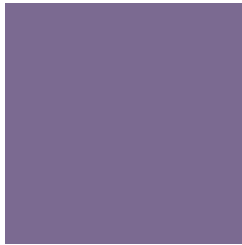
49.0290, 13.2967, 75.3966



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 115.5290, 14.5292, 6.5521 looks on a white background.

Color Contrast Check

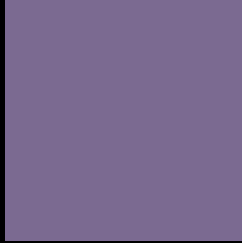
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.5290, 14.5292, 6.5521 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 115.5290, 14.5292, 6.5521

Background



This preview shows how black text looks on a background with the YUV color 115.5290, 14.5292, 6.5521.



This preview shows how white text looks on a background with the YUV color 115.5290, 14.5292, 6.5521.

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

115.5290, 14.5292, 6.5521

Protanopia

113.5270, 17.4882, -9.2322

Deuteranopia

113.8650, 14.8566, -5.1436



Tritanopia

114.4180, 2.7519, 4.0184

Trichromacy



Original Color

115.5290, 14.5292, 6.5521

Protanomaly

114.3320, 16.5983, -3.7992

Deuteranomaly

114.1860, 14.6983, -1.0401

Tritanomaly

114.5690, 7.1145, 4.7630

Monochromacy



Original Color

115.5290, 14.5292, 6.5521

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8030, 5.5201, 2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5290, 14.5292, 6.5521 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(123, 106, 145)` looks like.

```
.text, #text, p{  
    color:rgb(123, 106, 145)  
}
```

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(123, 106, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 106, 145) }
```

Border

The CSS property to change the border of an element to YUV 115.5290, 14.5292, 6.5521 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(123, 106, 145) }
```


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

```
.border{ border-color:rgb(123, 106, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 106, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 106, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 106, 145);  
box-shadow:4px 4px 4px 4px rgb(123, 106,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 115.5290, 14.5292, 6.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 106, 145) }
```

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

```
.background{ background-color: rgb(123,  
106, 145) }
```

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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