

Converting Colors

YUV(65.6890, 15.4363, 42.3687)

Have a look what the booklet for
YUV(65.6890, 15.4363, 42.3687)
contains.

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Color

**YUV(65.6890, 15.4363,
42.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	722361
RGB	114, 35, 97
RGB Percent	45%, 14%, 38%
CMY	0.5529, 0.8627, 0.6196
CMYK	0.00, 0.69, 0.15, 0.55
HSL	313°, 53%, 29%
HSV	313°, 69%, 45%
XYZ	9.6981, 5.6425, 11.8872
YIQ	65.6890, 27.1820, 36.0300

Conversions

Conversions Part 2

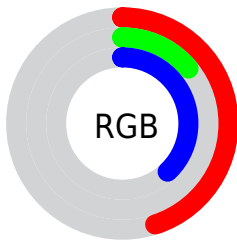
Format	Color
R_{YB}	114, 35, 97
Decimal	7480161
CIE _{Lab}	28.49, 41.87, -18.88
CIE _{LCh}	28, 45.926, 335.730
Yxy	5.6425, 0.3562, 0.2072
Android (android.graphics.Color)	4285670241 (0xFF722361)
YUV	65.6890, 15.4363, 42.3687
Hunter-Lab	23.7540, 31.3072, -13.0427

Details

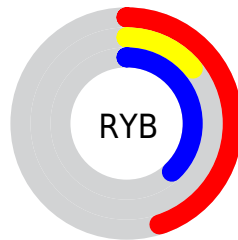
The YUV color **65.6890, 15.4363, 42.3687** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **83.3110, -15.4363, -42.3687**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5860, 14.9941, 44.2131**, and **24.5370, 12.5533, 33.7321** is the 20% darker color. If you saturate the color by 10%, you get **59.0040, 17.7460, 48.2315**, and if you desaturate by 10%, it is **72.3740, 13.1266, 36.5060**.

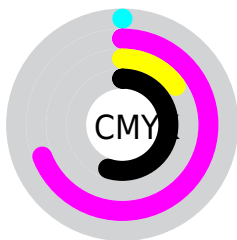
Distribution



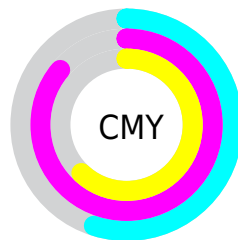
- Red (45%)
- Green (14%)
- Blue (38%)



- Red (45%)
- Yellow (14%)
- Blue (38%)



- Cyan (0%)
- Magenta (69%)
- Yellow (15%)
- Black (55%)



- Cyan (55%)
- Magenta (86%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.6890, 15.4363, 42.3687 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 65.6890, 15.4363, 42.3687 by changing the saturation by 10% instead.

65.6890, 15.4363,
42.3687

65.6890, 15.4363,
42.3687

255.0000, 0.0000,
0.0000

36.9820, 17.7569,
44.7428

117.5860, 14.9941,
44.2131

24.5370, 12.5533,
33.7321

144.2980, 15.1361,
45.3427

15.5650, 6.6235,
22.3065

171.8960, 14.8413,
46.5722

0.0000, 0.0000,
0.0000

199.6080, 14.9833,
47.7018

219.1930, 17.6529,
31.4027

235.6290, 9.5499,

16.9884

252.6520, 1.1576,
2.0592

65.6890, 15.4363,
42.3687

65.6890, 15.4363,
42.3687

59.0040, 17.7460,
48.2315

72.3740, 13.1266,
36.5060

51.6180, 19.9083,
54.7090

79.7600, 10.9643,
30.0285

44.9330, 22.2180,
60.5718

86.4450, 8.6546,
24.1657

44.2320, 22.0706,
61.1865

93.8310, 6.4923,
17.6882

100.5160, 4.1826,
11.8255

■ 107.3150, 2.3097,
5.8627

■ 114.5870, -0.2894,
-0.5148

■ 121.3860, -2.1623,
-6.4775

■ 128.6580, -4.7614,
-12.8551

Harmonies

Analogous

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



68.3730, 27.9171, 5.8119



65.6890, 15.4363, 42.3687



59.7270, 1.1206, 60.7524

Triad

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



65.6890, 15.4363, 42.3687



62.9390, -31.0289, 12.3315



60.4460, 23.4441, -53.0111

Complementary

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



65.6890, 15.4363, 42.3687



83.3110, -15.4363, -42.3687

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.



57.0430, 7.8668, -50.0267



65.6890, 15.4363, 42.3687



55.9740, -27.5952, -15.7632

Square

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



65.6890, 15.4363, 42.3687



63.0930, -31.1048, 36.7524



51.6510, -7.7159, -45.2979



60.8340, 35.0848, -53.3514

Rectangle

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



65.6890, 15.4363, 42.3687



60.6160, -10.6567, 58.2188



51.6510, -7.7159, -45.2979



59.7790, 18.3500, -52.4262

Sweetspot

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



65.6890, 15.4363, 42.3687



129.0050, 5.9135, 16.6586



48.7900, 32.1485, 1.9382



62.3910, 3.7512, 10.1811



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



65.6890, 15.4363, 42.3687



72.7210, 23.8015, 66.0197



61.3570, -1.1620, 46.1679



52.3640, 1.2995, 3.1888



46.5960, 23.3702, 64.3753



95.9690, 48.3293, 132.4542

Inverse Universe

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



65.6890, 15.4363, 42.3687



72.7210, 23.8015, 66.0197



87.6430, 1.1620, -46.1679



52.3640, 1.2995, 3.1888



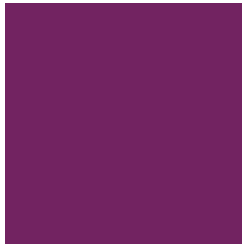
46.5960, 23.3702, 64.3753



95.9690, 48.3293, 132.4542

Previews

White Background



This preview shows how the YUV color 65.6890, 15.4363, 42.3687 looks on a white background.

Color Contrast Check

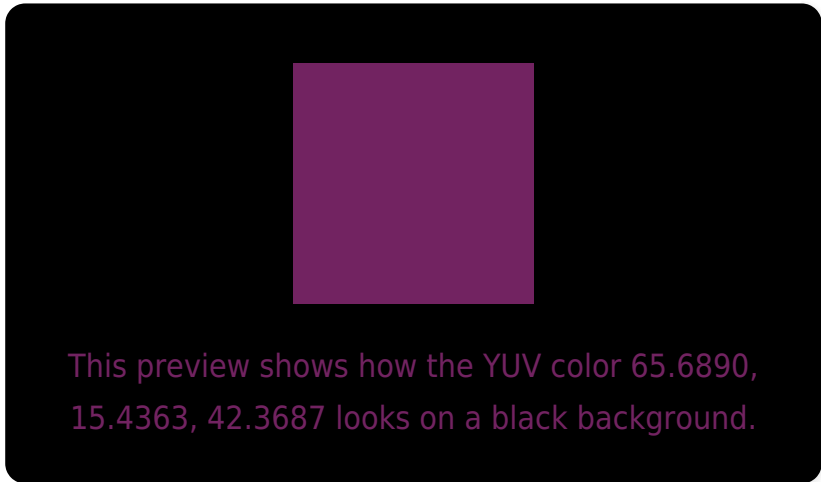
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

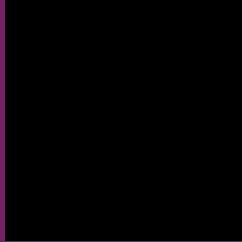
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.6890, 15.4363, 42.3687

Background



This preview shows how black text looks on a background with the YUV color 65.6890, 15.4363, 42.3687.



This preview shows how white text looks on a background with the YUV color 65.6890, 15.4363,

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

65.6890, 15.4363, 42.3687

Protanopia

65.6100, 28.2933, -21.5830

Deuteranopia

68.3550, 11.6570, -5.5733



Tritanopia

67.5810, -7.6814, 37.2015

Trichromacy



Original Color

65.6890, 15.4363, 42.3687

Protanomaly

65.6130, 23.8548, 2.0934

Deuteranomaly

67.2200, 13.2025, 12.0851

Tritanomaly

66.7690, 0.6069, 38.7906

Monochromacy



Original Color

65.6890, 15.4363, 42.3687

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8800, 5.4822, 15.0142

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.6890, 15.4363, 42.3687 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(114, 35, 97)` looks like.

```
.text, #text, p{  
  color:rgb(114, 35, 97)  
}
```

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(114, 35, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 35, 97) }
```

Border

The CSS property to change the border of an element to YUV 65.6890, 15.4363, 42.3687 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(114, 35, 97) }
```


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

```
.border{ border-color:rgb(114, 35, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 35, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 35, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 35, 97);  
box-shadow:4px 4px 4px 4px rgb(114, 35,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 65.6890, 15.4363, 42.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 35, 97) }
```

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

```
.background{ background-color: rgb(114, 35,  
97) }
```

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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