

Converting Colors

YUV(72.5850, 16.4736, 36.3210)

Have a look what the booklet for
YUV(72.5850, 16.4736, 36.3210)
contains.

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Color

**YUV(72.5850, 16.4736,
36.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	722D6A
RGB	114, 45, 106
RGB Percent	45%, 18%, 42%
CMY	0.5529, 0.8235, 0.5843
CMYK	0.00, 0.61, 0.07, 0.55
HSL	307°, 43%, 31%
HSV	307°, 61%, 45%
XYZ	10.4793, 6.4948, 14.3370
YIQ	72.5850, 21.5430, 33.5990

Conversions

Conversions Part 2

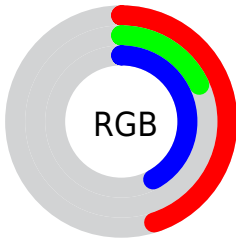
Format	Color
RYB	114, 45, 106
Decimal	7482730
CIELab	30.63, 38.77, -21.36
CIELCh	31, 44.265, 331.154
Yxy	6.4948, 0.3347, 0.2074
Android (android.graphics.Color)	4285672810 (0xFF722D6A)
YUV	72.5850, 16.4736, 36.3210
Hunter-Lab	25.4849, 28.8004, -15.5152

Details

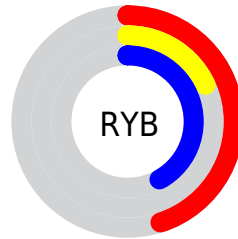
The YUV color **72.5850, 16.4736, 36.3210** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **86.4150, -16.4736, -36.3210**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.0090, 16.7576, 38.5801**, and **25.4490, 16.0476, 32.9322** is the 20% darker color. If you saturate the color by 10%, you get **66.0140, 19.2201, 42.0837**, and if you desaturate by 10%, it is **79.1560, 13.7271, 30.5582**.

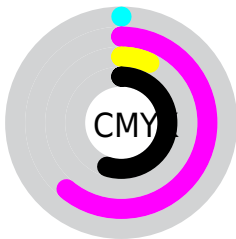
Distribution



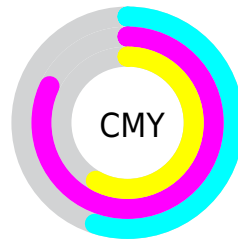
- Red (45%)
- Green (18%)
- Blue (42%)



- Red (45%)
- Yellow (18%)
- Blue (42%)



- Cyan (0%)
- Magenta (61%)
- Yellow (7%)
- Black (55%)



- Cyan (55%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.5850, 16.4736, 36.3210 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 72.5850, 16.4736, 36.3210 by changing the saturation by 10% instead.

72.5850, 16.4736,
36.3210

72.5850, 16.4736,
36.3210

255.0000, 0.0000,
0.0000

46.8130, 17.3472,
36.1210

124.0090, 16.7576,
38.5801

25.4490, 16.0476,
32.9322

150.7210, 16.8995,
39.7097

16.7760, 9.9704,
22.1214

177.4330, 17.0415,
40.8393

1.3680, 5.2416,
-1.1997

205.8460, 17.3309,
41.3541

0.0000, 0.0000,
0.0000

223.8890, 15.3377,
27.2843

240.9120, 6.9454,

12.3552

■ 72.5850, 16.4736,
36.3210

■ 72.5850, 16.4736,
36.3210

■ 66.0140, 19.2201,
42.0837

■ 79.1560, 13.7271,
30.5582

■ 58.7420, 21.8192,
48.4613

■ 86.4280, 11.1280,
24.1806

■ 52.1710, 24.5657,
54.2240

■ 92.9990, 8.3815,
18.4179

■ 45.6000, 27.3122,
59.9868

■ 100.1570, 5.3456,
12.1403

■ 106.8420, 3.0359,
6.2776

■ 113.4130, 0.2894,
0.5148

■ 120.5710, -2.7465,
-5.7628

■ 127.2560, -5.0562,
-11.6255

■ 134.4140, -8.0921,
-17.9031

Harmonies

Analogous

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



72.9700, 29.1018, -0.8507



72.5850, 16.4736, 36.3210



67.6340, 2.1524, 56.4490

Triad

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



72.5850, 16.4736, 36.3210



67.6900, -33.3712, 16.9349



63.2670, 21.5604, -55.4852

Complementary

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



72.5850, 16.4736, 36.3210



86.4150, -16.4736, -36.3210

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.



59.8640, 5.9830, -52.5007



72.5850, 16.4736, 36.3210



62.6220, -30.3796, -9.3155

Square

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



72.5850, 16.4736, 36.3210



67.9300, -30.5315, 39.5264



54.1130, -8.4367, -47.4571



64.4700, 33.7853, -56.5402

Rectangle

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



72.5850, 16.4736, 36.3210



66.7730, -8.7621, 57.2041



54.1130, -8.4367, -47.4571



62.6000, 16.4662, -54.9002

Sweetspot

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



72.5850, 16.4736, 36.3210



131.8090, 6.5032, 14.1995



54.9590, 29.1072, -2.5950



64.3800, 3.7567, 8.4367



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.



72.5850, 16.4736, 36.3210



83.1220, 25.5759, 56.8980



68.8230, 2.0593, 39.6202



52.3640, 1.2995, 3.1888



47.9640, 28.6117, 63.1756



98.8190, 59.2492, 129.9547

Inverse Universe

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



72.5850, 16.4736, 36.3210



83.1220, 25.5759, 56.8980



90.1770, -2.0593, -39.6202



52.3640, 1.2995, 3.1888



47.9640, 28.6117, 63.1756



98.8190, 59.2492, 129.9547

Previews

White Background



This preview shows how the YUV color 72.5850, 16.4736, 36.3210 looks on a white background.

Color Contrast Check

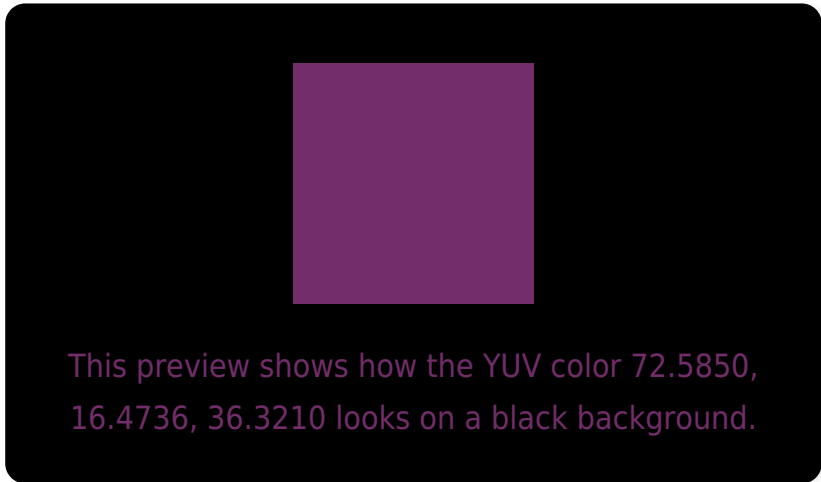
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.5850, 16.4736, 36.3210

Background



This preview shows how black text looks on a background with the YUV color 72.5850, 16.4736, 36.3210.



This preview shows how white text looks on a background with the YUV color 72.5850, 16.4736,

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

72.5850, 16.4736, 36.3210

Protanopia

70.4360, 28.8721, -20.5534

Deuteranopia

72.7290, 14.4306, -8.5323



Tritanopia

73.0040, -5.9180, 31.5685

Trichromacy



Original Color

72.5850, 16.4736, 36.3210

Protanomaly

71.4170, 24.4444, -0.3657

Deuteranomaly

72.6540, 14.9606, 8.1964

Tritanomaly

73.0780, 1.9335, 33.2576

Monochromacy



Original Color

72.5850, 16.4736, 36.3210

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9830, 5.9244, 13.1699

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.5850, 16.4736, 36.3210 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, 45, 106)` looks like.

```
.text, #text, p{  
    color:rgb(114, 45, 106)  
}
```

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, 45, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 45, 106) }
```

Border

The CSS property to change the border of an element to YUV 72.5850, 16.4736, 36.3210 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, 45, 106) }
```


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

```
.border{ border-color:rgb(114, 45, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 45, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 45, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 45, 106);  
box-shadow:4px 4px 4px 4px rgb(114, 45,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 72.5850, 16.4736, 36.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 45, 106) }
```

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

```
.background{ background-color: rgb(114, 45,  
106) }
```

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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