

Converting Colors

YUV(91.4730, 39.6998, 6.6012)

Have a look what the booklet for
YUV(91.4730, 39.6998, 6.6012)
contains.

YUV(91.4730, 39.6998, 6.6012)	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(91.4730, 39.6998,
6.6012)**

Conversions

Conversions Part 1

Format	Color
Hex	6348AC
RGB	99, 72, 172
RGB Percent	39%, 28%, 67%
CMY	0.6118, 0.7176, 0.3255
CMYK	0.42, 0.58, 0.00, 0.33
HSL	256°, 41%, 48%
HSV	256°, 58%, 67%
XYZ	14.9093, 10.2659, 40.2254
YIQ	91.4730, -16.0080, 36.8240

Conversions

Conversions Part 2

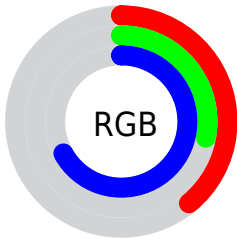
Format	Color
R_{YB}	99, 72, 172
Decimal	6506668
CIE Lab	38.32, 35.54, -49.86
CIE LCh	38, 61.229, 305.479
Yxy	10.2659, 0.2280, 0.1570
Android (android.graphics.Color)	4284696748 (0xFF6348AC)
YUV	91.4730, 39.6998, 6.6012
Hunter-Lab	32.0405, 26.9902, -52.0076

Details

The YUV color **91.4730, 39.6998, 6.6012** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **152.5270, -39.6998, -6.6012**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.6520, 41.5836, 9.0752**, and **41.6850, 38.1163, 1.1533** is the 20% darker color. If you saturate the color by 10%, you get **77.6070, 46.5357, 7.3607**, and if you desaturate by 10%, it is **105.3390, 32.8639, 5.8417**.

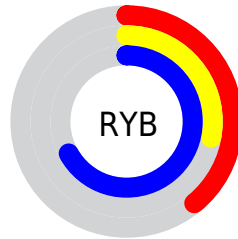
Distribution



Red (39%)

Green (28%)

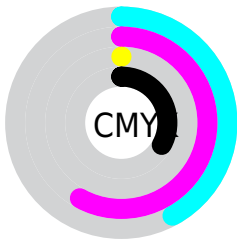
Blue (67%)



Red (39%)

Yellow (28%)

Blue (67%)

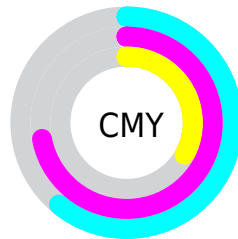


Cyan (42%)

Magenta (58%)

Yellow (0%)

Black (33%)



Cyan (61%)

Magenta (72%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.4730, 39.6998, 6.6012 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 91.4730, 39.6998, 6.6012 by changing the saturation by 10% instead.

91.4730, 39.6998,
6.6012

91.4730, 39.6998,
6.6012

255.0000, 0.0000,
0.0000

66.8210, 38.5422,
4.5420

143.6520, 41.5836,
9.0752

41.6850, 38.1163,
1.1533

170.3640, 41.7255,
10.2048

14.4450, 38.7276,
-8.2833

194.2970, 29.9266,
14.6485

7.8660, 30.1391,
-6.8985

219.4040, 17.5488,
18.0627

7.5920, 18.9351,
-6.6582

240.3250, 7.2348,
12.8700

3.3230, 10.1938,
-2.9143

0.0000, 0.0000,

0.0000

■ 91.4730, 39.6998,
6.6012

■ 91.4730, 39.6998,
6.6012

■ 77.6070, 46.5357,
7.3607

■ 105.3390, 32.8639,
5.8417

■ 64.0400, 53.2243,
8.7349

■ 118.9060, 26.1753,
4.4674

■ 49.5870, 60.3496,
10.0092

■ 133.3590, 19.0500,
3.1932

■ 36.0200, 67.0381,
11.3835

■ 146.9260, 12.3615,
1.8189

■ 33.3620, 68.3485,
11.0835

■ 160.7920, 5.5255,
1.0594

■ 174.3590, -1.1630,
-0.3148

■ 188.2250, -7.9989,
-1.0743

■ 202.3790,
-14.9768, -2.9634

■ 216.2450,
-21.8128, -3.7229

Harmonies

Analogous

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



76.8380, 55.7889, -67.3869



91.4730, 39.6998, 6.6012



86.0470, 22.6548, 60.4718

Triad

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



91.4730, 39.6998, 6.6012



84.7220, -41.7679, 50.2328



76.3290, 10.6838, -66.9405

Complementary

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



91.4730, 39.6998, 6.6012



152.5270, -39.6998, -6.6012

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.



69.2270, -11.4509, -60.7121



91.4730, 39.6998, 6.6012



83.9150, -41.3701, 15.8605

Square

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



91.4730, 39.6998, 6.6012



80.0500, -22.2096, 77.1321



74.8130, -36.8828, -23.5150



81.9150, 32.0869, -71.8395

Rectangle

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



91.4730, 39.6998, 6.6012



76.3290, 11.6698, 83.9035



74.8130, -36.8828, -23.5150



74.3910, 3.2582, -65.2409

Sweetspot

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



91.4730, 39.6998, 6.6012



193.6210, 14.9768, 2.9634



126.2510, 22.5543, -47.5781



94.3020, 8.7251, 1.4891



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



91.4730, 39.6998, 6.6012



97.7550, 62.2388, 10.7389



106.4230, 32.3295, 37.3400



79.6240, 3.6364, 0.3298



29.3590, 59.4760, 10.2092



4.4160, 9.1619, 1.3892

Inverse Universe

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



110.2220, 17.1456, 54.1793



127.0530, 27.0889, 85.0225



137.5770, -32.3295, -37.3400



81.3750, 1.2941, 4.9331



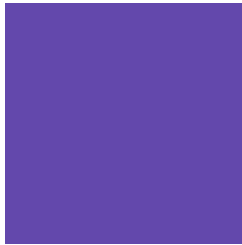
57.3900, 25.9367, 81.2190



8.8150, 4.0352, 12.4402

Previews

White Background



This preview shows how the YUV color 91.4730, 39.6998, 6.6012 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 91.4730, 39.6998, 6.6012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

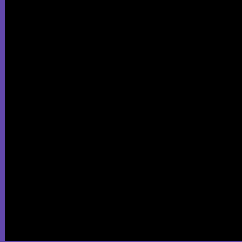
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.4730, 39.6998, 6.6012

Background



This preview shows how black text looks on a background with the YUV color 91.4730, 39.6998, 6.6012.



This preview shows how white text looks on a background with the YUV color 91.4730, 39.6998,

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

91.4730, 39.6998, 6.6012

Protanopia

72.1590, 55.6306, -63.2834

Deuteranopia

72.4720, 44.1373, -63.5579



Tritanopia

89.5090, 4.6791, -7.4624

Trichromacy



Original Color

91.4730, 39.6998, 6.6012

Protanomaly

79.4180, 49.5869, -38.0776

Deuteranomaly

79.5830, 42.6036, -38.2223

Tritanomaly

90.5710, 17.4665, -2.2548

Monochromacy



Original Color

91.4730, 39.6998, 6.6012

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0940, 14.2507, 2.5486

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.4730, 39.6998, 6.6012 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(99, 72, 172)` looks like.

```
.text, #text, p{  
    color:rgb(99, 72, 172)  
}
```

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(99, 72, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 72, 172) }
```

Border

The CSS property to change the border of an element to YUV 91.4730, 39.6998, 6.6012 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(99, 72, 172) }
```


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

```
.border{ border-color:rgb(99, 72, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 72, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 72, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 72, 172);  
box-shadow:4px 4px 4px 4px rgb(99, 72,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 91.4730, 39.6998, 6.6012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 72, 172) }
```

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

```
.background{ background-color: rgb(99, 72,  
172) }
```

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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