

Converting Colors

YUV(114.7890, 7.0060, 39.6500)

Have a look what the booklet for
YUV(114.7890, 7.0060, 39.6500)
contains.

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Color

**YUV(114.7890, 7.0060,
39.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	A05981
RGB	160, 89, 129
RGB Percent	63%, 35%, 51%
CMY	0.3725, 0.6510, 0.4941
CMYK	0.00, 0.44, 0.19, 0.37
HSL	326°, 29%, 49%
HSV	326°, 44%, 63%
XYZ	22.0320, 16.2033, 22.7352
YIQ	114.7890, 29.4760, 27.4920

Conversions

Conversions Part 2

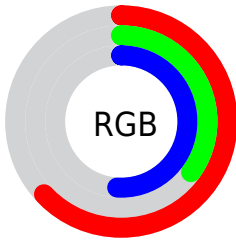
Format	Color
R _Y B	160, 89, 129
Decimal	10508673
CIE Lab	47.24, 34.56, -9.62
CIE LCh	47, 35.871, 344.448
Yxy	16.2033, 0.3614, 0.2658
Android (android.graphics.Color)	4288698753 (0xFFA05981)
YUV	114.7890, 7.0060, 39.6500
Hunter-Lab	40.2533, 27.2558, -5.3098

Details

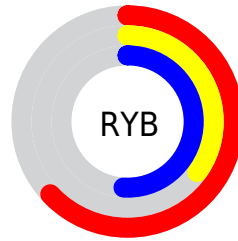
The YUV color **114.7890, 7.0060, 39.6500** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.2110, -7.0060, -39.6500**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0990, 6.8532, 42.0092**, and **64.5930, 7.5957, 37.1909** is the 20% darker color. If you saturate the color by 10%, you get **104.5990, 8.5787, 48.5867**, and if you desaturate by 10%, it is **124.9790, 5.4334, 30.7134**.

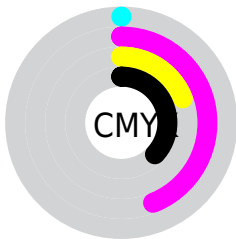
Distribution



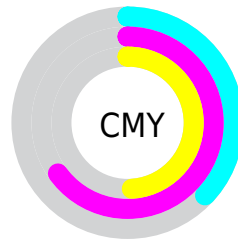
- Red (63%)
- Green (35%)
- Blue (51%)



- Red (63%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (44%)
- Yellow (19%)
- Black (37%)



- Cyan (37%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.7890, 7.0060, 39.6500 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 114.7890, 7.0060, 39.6500 by changing the saturation by 10% instead.

■ 114.7890, 7.0060,
39.6500

■ 114.7890, 7.0060,
39.6500

■ 255.0000, 0.0000,
0.0000

■ 89.1910, 7.3008,
38.4205

■ 168.0990, 6.8532,
42.0092

■ 64.5930, 7.5957,
37.1909

■ 195.6970, 6.5584,
43.2387

■ 38.9350, 8.9060,
36.8910

■ 217.8420, 9.9379,
32.5876

■ 20.7340, 7.0331,
30.9283

■ 236.8030, 8.9711,
15.9588

■ 11.6480, 0.6665,
19.6027

■ 253.2390, 0.8682,
1.5444

■ 0.0000, 0.0000,
0.0000

114.7890, 7.0060,
39.6500

114.7890, 7.0060,
39.6500

104.5990, 8.5787,
48.5867

124.9790, 5.4334,
30.7134

94.4090, 10.1514,
57.5233

135.1690, 3.8607,
21.7768

84.2190, 11.7240,
66.4599

145.3590, 2.2880,
12.8402

74.0290, 13.2967,
75.3966

155.5490, 0.7153,
3.9035

63.8390, 14.8694,
84.3332

165.7390, -0.8573,
-5.0331

58.1000, 15.7267,
89.3663

175.9290, -2.4300,
-13.9697

186.1190, -4.0027,
-22.9064

196.3090, -5.5753,

-31.8430

■ 206.4990, -7.1480,
-40.7796

Harmonies

Analogous

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



114.9630, 19.7382, 15.8184



114.7890, 7.0060, 39.6500



112.8860, -6.8458, 49.2120

Triad

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



114.7890, 7.0060, 39.6500



108.0030, -28.1025, 7.0134



90.8170, 30.6562, -79.6465

Complementary

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



114.7890, 7.0060, 39.6500



134.2110, -7.0060, -39.6500

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.



89.5000, 17.9945, -78.4915



114.7890, 7.0060, 39.6500



103.7700, -18.1276, -19.0923

Square

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



114.7890, 7.0060, 39.6500



110.4340, -28.3150, 28.5604



95.2570, -0.1267, -52.8454



89.8200, 39.5287, -78.7721

Rectangle

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



114.7890, 7.0060, 39.6500



112.0570, -16.2971, 47.3080



95.2570, -0.1267, -52.8454



91.0790, 26.5831, -79.8763

Sweetspot

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



114.7890, 7.0060, 39.6500



191.7830, 2.5720, 15.0993



106.3630, 26.4430, 11.9596



94.1090, 1.4253, 9.5514



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



114.7890, 7.0060, 39.6500



138.3710, 11.1561, 61.9416



110.7990, -8.2819, 43.1493



73.9620, 1.0047, 4.4183



51.8770, 13.8646, 79.9149



5.5110, 1.7201, 8.3219

Inverse Universe

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



114.7890, 7.0060, 39.6500



138.3710, 11.1561, 61.9416



138.2010, 8.2819, -43.1493



73.9620, 1.0047, 4.4183



51.8770, 13.8646, 79.9149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 114.7890, 7.0060, 39.6500 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 114.7890, 7.0060, 39.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

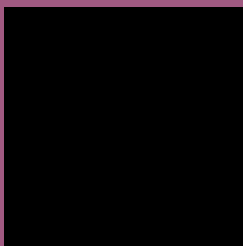
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.7890, 7.0060, 39.6500

Background



This preview shows how black text looks on a background with the YUV color 114.7890, 7.0060, 39.6500.



This preview shows how white text looks on a background with the YUV color 114.7890, 7.0060,

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

114.7890, 7.0060, 39.6500

Protanopia

112.6690, 15.4462, -7.6027

Deuteranopia

113.2160, 5.8095, 3.3186



Tritanopia

113.6350, -6.2291, 38.0311

Trichromacy



Original Color

114.7890, 7.0060, 39.6500

Protanomaly

113.3830, 12.6292, 9.3111

Deuteranomaly

114.0050, 5.9135, 16.6586

Tritanomaly

113.9000, -1.4297, 38.6757

Monochromacy



Original Color

114.7890, 7.0060, 39.6500

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0710, 2.4300, 13.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7890, 7.0060, 39.6500 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(160, 89, 129)` looks like.

```
.text, #text, p{  
    color:rgb(160, 89, 129)  
}
```

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(160, 89, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 89, 129) }
```

Border

The CSS property to change the border of an element to YUV 114.7890, 7.0060, 39.6500 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(160, 89, 129) }
```


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

```
.border{ border-color:rgb(160, 89, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 89, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 89, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 89, 129);  
box-shadow:4px 4px 4px 4px rgb(160, 89,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 114.7890, 7.0060, 39.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 89, 129) }
```

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

```
.background{ background-color: rgb(160, 89,  
129) }
```

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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