

Converting Colors

YUV(106.9350, 22.2170,
14.0890)

Have a look what the booklet for
YUV(106.9350, 22.2170, 14.0890)
contains.

YUV(106.9350, 22.2170, 14.0890)	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(106.9350, 22.2170,
14.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5A98
RGB	123, 90, 152
RGB Percent	48%, 35%, 60%
CMY	0.5176, 0.6471, 0.4039
CMYK	0.19, 0.41, 0.00, 0.40
HSL	272°, 26%, 47%
HSV	272°, 41%, 60%
XYZ	17.4920, 13.7903, 31.4456
YIQ	106.9350, -0.2340, 26.2780

Conversions

Conversions Part 2

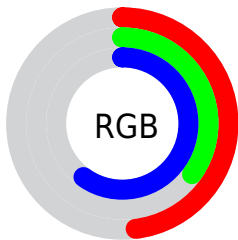
Format	Color
R _Y B	123, 90, 152
Decimal	8084120
CIE Lab	43.93, 26.08, -28.87
CIE LCh	44, 38.908, 312.096
Yxy	13.7903, 0.2789, 0.2198
Android (android.graphics.Color)	4286274200 (0xFF7B5A98)
YUV	106.9350, 22.2170, 14.0890
Hunter-Lab	37.1353, 19.0932, -24.2113

Details

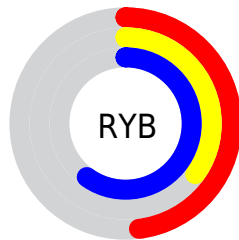
The YUV color **106.9350, 22.2170, 14.0890** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.0650, -22.2170, -14.0890**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2880, 23.5220, 15.5334**, and **58.5820, 20.9121, 12.6446** is the 20% darker color. If you saturate the color by 10%, you get **96.0370, 27.5898, 17.5076**, and if you desaturate by 10%, it is **117.8330, 16.8443, 10.6705**.

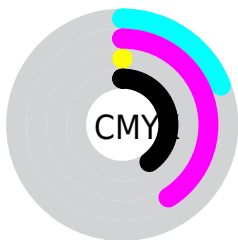
Distribution



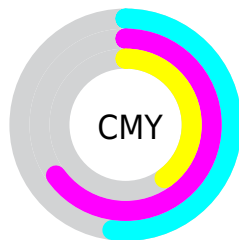
- Red (48%)
- Green (35%)
- Blue (60%)



- Red (48%)
- Yellow (35%)
- Blue (60%)



- Cyan (19%)
- Magenta (41%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (65%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.9350, 22.2170, 14.0890 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 106.9350, 22.2170, 14.0890 by changing the saturation by 10% instead.

■ 106.9350, 22.2170,
14.0890

■ 106.9350, 22.2170,
14.0890

■ 255.0000, 0.0000,
0.0000

■ 82.1090, 21.6383,
13.0594

■ 159.2880, 23.5220,
15.5334

■ 58.5820, 20.9121,
12.6446

■ 185.8150, 24.2482,
15.9482

■ 35.6420, 19.8965,
11.7150

■ 213.2020, 20.6064,
17.3628

■ 14.1150, 19.1703,
11.3001

■ 236.2160, 9.2605,
16.4736

■ 4.7080, 12.9620,
-4.1289

■ 252.6520, 1.1576,
2.0592

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 106.9350, 22.2170,
14.0890

■ 106.9350, 22.2170,
14.0890

■ 96.0370, 27.5898,
17.5076

■ 117.8330, 16.8443,
10.6705

■ 85.1390, 32.9625,
20.9261

■ 128.7310, 11.4716,
7.2519

■ 73.6540, 38.6246,
24.8594

■ 140.2160, 5.8095,
3.3186

■ 62.7560, 43.9973,
28.2780

■ 151.1140, 0.4368,
-0.1000

■ 51.5590, 49.5174,
31.0818

■ 162.3110, -5.0833,
-2.9037

■ 41.5470, 54.4533,
34.6003

■ 173.2090,
-10.4560, -6.3223

■ 184.1070,
-15.8288, -9.7408

■ 195.5920,
-21.4909, -13.6742

■ 206.4900,
-26.8636, -17.0927

Harmonies

Analogous

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



100.7280, 32.6721, -26.0715



106.9350, 22.2170, 14.0890



106.2560, 8.7478, 40.9945

Triad

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



106.9350, 22.2170, 14.0890



101.7010, -29.9256, 31.8342



83.6640, 15.9416, -73.3733

Complementary

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



106.9350, 22.2170, 14.0890



135.0650, -22.2170, -14.0890

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.



82.6040, 0.1952, -62.7967



106.9350, 22.2170, 14.0890



99.3300, -30.7287, 9.3576

Square

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



106.9350, 22.2170, 14.0890



103.0310, -20.2283, 48.2078



95.2000, -20.3116, -18.5924



85.9100, 29.6244, -75.3431

Rectangle

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



106.9350, 22.2170, 14.0890



104.2050, -0.5941, 50.6862



95.2000, -20.3116, -18.5924



82.4100, 11.1369, -72.2736

Sweetspot

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



106.9350, 22.2170, 14.0890



179.2100, 8.2775, 5.0778



114.6780, 18.3997, -21.6426



89.5750, 4.6465, 3.0037



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



106.9350, 22.2170, 14.0890



126.1930, 34.4149, 21.7557



115.4920, 17.5054, 32.0175



71.1080, 2.9048, 1.6593



38.3850, 50.0962, 32.1114



3.5750, 4.6465, 3.0037

Inverse Universe

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



111.8440, 3.5279, 35.2168



133.8340, 5.5048, 54.5196



126.5080, -17.5054, -32.0175



71.7340, 0.1311, 4.6183



49.3840, 8.1917, 79.4702



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 106.9350, 22.2170, 14.0890 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 106.9350, 22.2170, 14.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

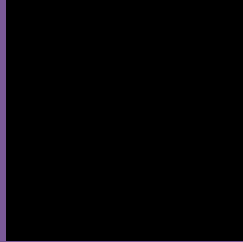
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.9350, 22.2170, 14.0890

Background



This preview shows how black text looks on a background with the YUV color 106.9350, 22.2170, 14.0890.



This preview shows how white text looks on a background with the YUV color 106.9350, 22.2170,

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

106.9350, 22.2170, 14.0890

Protanopia

102.8600, 29.1560, -18.2942

Deuteranopia

103.1610, 22.5986, -15.0502



Tritanopia

105.5820, 0.6991, 9.1366

Trichromacy



Original Color

106.9350, 22.2170, 14.0890

Protanomaly

104.5410, 26.3553, -6.6135

Deuteranomaly

104.2270, 22.5661, -4.5841

Tritanomaly

105.9550, 8.4032, 11.4405

Monochromacy



Original Color

106.9350, 22.2170, 14.0890

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0960, 7.8407, 5.1778

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.9350, 22.2170, 14.0890 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, 90, 152)` looks like.

```
.text, #text, p{  
    color:rgb(123, 90, 152)  
}
```

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, 90, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 90, 152) }
```

Border

The CSS property to change the border of an element to YUV 106.9350, 22.2170, 14.0890 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, 90, 152) }
```


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

```
.border{ border-color:rgb(123, 90, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 90, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 90, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 90, 152); box-shadow:4px 4px 4px 4px rgb(123, 90, 152) }
```

Background

The CSS property to change the background color of an element to YUV 106.9350, 22.2170, 14.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 90, 152) }
```

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

```
.background{ background-color: rgb(123, 90,  
152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor