

Converting Colors

YUV(89.9390, -44.3399,
35.1335)

Have a look what the booklet for
YUV(89.9390, -44.3399, 35.1335)
contains.

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Color

**YUV(89.9390, -44.3399,
35.1335)**

Conversions

Conversions Part 1

Format	Color
Hex	825700
RGB	130, 87, 0
RGB Percent	51%, 34%, 0%
CMY	0.4902, 0.6588, 1.0000
CMYK	0.00, 0.33, 1.00, 0.49
HSL	40°, 100%, 25%
HSV	40°, 100%, 51%
XYZ	12.6141, 11.5622, 1.5669
YIQ	89.9390, 53.5550, -17.9410

Conversions

Conversions Part 2

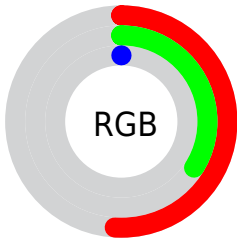
Format	Color
RYB	64, 130, 0
Decimal	8541952
CIELab	40.51, 11.46, 48.79
CIELCh	41, 50.114, 76.786
Yxy	11.5622, 0.4900, 0.4491
Android (android.graphics.Color)	4286732032 (0xFF825700)
YUV	89.9390, -44.3399, 35.1335
Hunter-Lab	34.0033, 6.7121, 21.0702

Details

The YUV color **89.9390, -44.3399, 35.1335** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **40.0610, 44.3399, -35.1335**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.8300, -42.3142, 38.7371**, and **47.0790, -23.2099, 24.4867** is the 20% darker color. If you saturate the color by 10%, you get **89.9390, -44.3399, 35.1335**, and if you desaturate by 10%, it is **93.7690, -39.8191, 31.7746**.

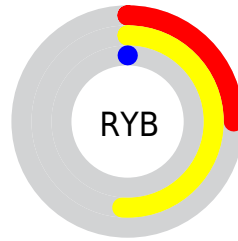
Distribution



Red (51%)

Green (34%)

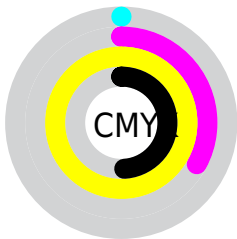
Blue (0%)



Red (25%)

Yellow (51%)

Blue (0%)

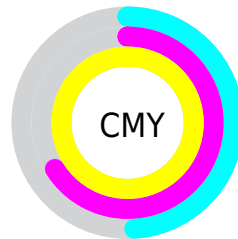


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.9390, -44.3399, 35.1335 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 89.9390, -44.3399, 35.1335 by changing the saturation by 10% instead.

89.9390, -44.3399,
35.1335

89.9390, -44.3399,
35.1335

253.9740, -3.9312,
0.8998

68.0660, -33.5565,
29.7601

142.8300,
-42.3142, 38.7371

47.0790, -23.2099,
24.4867

169.9120,
-43.3406, 41.2962

26.9780, -13.3002,
19.3133

197.6950,
-44.2196, 43.2405

7.4750, -3.6852,
15.3694


219.4870,
-42.1451, 31.1449


0.0000, 0.0000,
0.0000


239.0010,
-38.4545, 14.0311


247.4760,


-28.8287, 6.5985

 250.6680,
-16.5983, 3.7992


 89.9390, -44.3399,
35.1335

 93.7690, -39.8191,
31.7746

 98.1860, -35.5877,
27.9009

 102.0160,
-31.0669, 24.5420

 105.8460,
-26.5461, 21.1831

 110.2630,
-22.3147, 17.3093

■ 114.0930,
-17.7938, 13.9504

■ 117.9230,
-13.2730, 10.5915

■ 121.7530, -8.7522,
7.2326

■ 126.1700, -4.5208,
3.3589

Harmonies

Analogous

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



91.5500, -27.3861, 57.3997



89.9390, -44.3399, 35.1335



87.0940, -42.9373, 5.1796

Triad

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



89.9390, -44.3399, 35.1335



80.3700, 18.5516, -70.4845



98.4400, 26.4051, 24.1701

Complementary

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



89.9390, -44.3399, 35.1335



40.0610, 44.3399, -35.1335

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.



90.1000, 41.8557, -31.6597



89.9390, -44.3399, 35.1335



83.4140, 35.2919, -73.1541

Square

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



89.9390, -44.3399, 35.1335



74.8810, 0.0587, -65.6706



81.6990, 46.4904, -71.6500



93.8220, 10.4408, 58.0381

Rectangle

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



89.9390, -44.3399, 35.1335



84.0400, -31.0787, -18.4521



81.6990, 46.4904, -71.6500



97.7200, 31.6900, 9.0156

Sweetspot

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



89.9390, -44.3399, 35.1335



152.9080, -17.2096, 13.2357



43.7720, -0.3806, 75.6220



74.7100, -10.2100, 8.1473



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



89.9390, -44.3399, 35.1335



116.5630, -57.4656, 45.1102



108.6020, -53.5408, -0.5280



62.0280, -2.4788, 1.7294



88.1670, -43.4663, 34.9335



0.0000, 0.0000, 0.0000

Inverse Universe

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



40.0610, 44.3399, -35.1335



52.0240, 57.1762, -45.6250



21.3980, 53.5408, 0.5280



58.9720, 2.4788, -1.7294



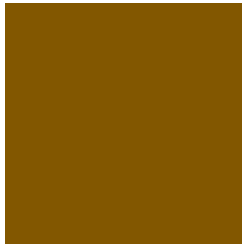
39.2460, 43.7557, -34.4187



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.9390, -44.3399, 35.1335 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 89.9390, -44.3399, 35.1335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

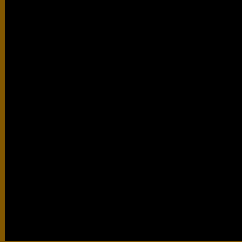
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.9390, -44.3399, 35.1335

Background



This preview shows how black text looks on a background with the YUV color 89.9390, -44.3399, 35.1335.



This preview shows how white text looks on a background with the YUV color 89.9390, -44.3399,

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

89.9390, -44.3399, 35.1335

Protanopia

89.6700, -39.7703, 16.0754

Deuteranopia

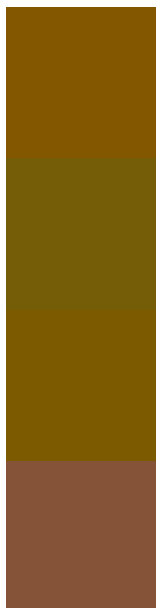
89.5960, -44.1708, 27.5413



Tritanopia

97.5310, -5.1918, 31.9833

Trichromacy



Original Color

89.9390, -44.3399, 35.1335

Protanomaly

89.9590, -41.3918, 22.8380

Deuteranomaly

89.9060, -44.3237, 29.9004

Tritanomaly

94.7580, -19.6007, 33.5382

Monochromacy



Original Color

89.9390, -44.3399, 35.1335

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1360, -16.3360, 13.0357

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9390, -44.3399, 35.1335 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(130, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(130, 87, 0)  
}
```

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(130, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 87, 0) }
```

Border

The CSS property to change the border of an element to YUV 89.9390, -44.3399, 35.1335 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(130, 87, 0) }
```


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

```
.border{ border-color:rgb(130, 87, 0) }
```

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

Here you see how a box with a 4 pixel rgb(130, 87, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(130, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.9390, -44.3399, 35.1335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 87, 0) }
```

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

```
.background{ background-color: rgb(130, 87,  
0) }
```

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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