

Converting Colors

YUV(94.1600, -39.5189,
28.8007)

Have a look what the booklet for
YUV(94.1600, -39.5189, 28.8007)
contains.

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Color

**YUV(94.1600, -39.5189,
28.8007)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5D0E
RGB	127, 93, 14
RGB Percent	50%, 36%, 5%
CMY	0.5020, 0.6353, 0.9451
CMYK	0.00, 0.27, 0.89, 0.50
HSL	42°, 80%, 28%
HSV	42°, 89%, 50%
XYZ	12.7460, 12.3724, 2.1318
YIQ	94.1600, 45.6230, -17.3610

Conversions

Conversions Part 2

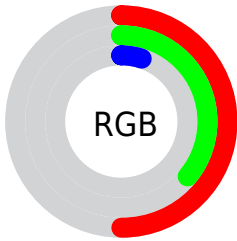
Format	Color
R _Y B	63, 127, 14
Decimal	8346894
CIE Lab	41.80, 6.78, 45.75
CIE LCh	42, 46.254, 81.571
Yxy	12.3724, 0.4677, 0.4540
Android (android.graphics.Color)	4286536974 (0xFF7F5D0E)
YUV	94.1600, -39.5189, 28.8007
Hunter-Lab	35.1745, 3.1269, 21.0288

Details

The YUV color **94.1600, -39.5189, 28.8007** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **46.8400, 39.5189, -28.8007**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1820, -39.5297, 32.2894**, and **49.4160, -24.3621, 20.6832** is the 20% darker color. If you saturate the color by 10%, you get **90.3300, -44.0397, 32.1596**, and if you desaturate by 10%, it is **97.9900, -34.9981, 25.4418**.

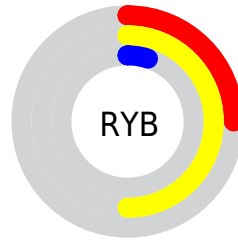
Distribution



Red (50%)

Green (36%)

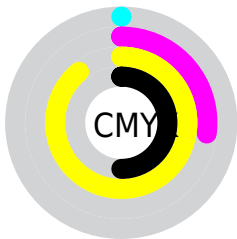
Blue (5%)



Red (25%)

Yellow (50%)

Blue (5%)

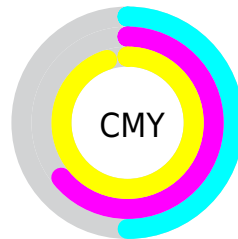


Cyan (0%)

Magenta (27%)

Yellow (89%)

Black (50%)



Cyan (50%)

Magenta (64%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.1600, -39.5189, 28.8007 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 94.1600, -39.5189, 28.8007 by changing the saturation by 10% instead.

94.1600, -39.5189,
28.8007

94.1600, -39.5189,
28.8007

255.0000, 0.0000,
0.0000

70.9900, -34.9981,
25.4418

146.1820,
-39.5297, 32.2894

49.4160, -24.3621,
20.6832

173.2640,
-40.5562, 34.8485

29.9020, -14.7417,
14.9949

201.3350,
-41.5772, 35.6632

7.4640, -3.6798,
13.6251


224.0350,
-39.9503, 27.1563


0.0000, 0.0000,
0.0000


244.1360,
-36.5490, 9.5277


248.5020,


-24.8975, 5.6987


 251.8080,
-12.2303, 2.7994


 94.1600, -39.5189,
28.8007


 94.1600, -39.5189,
28.8007


 90.3300, -44.0397,
32.1596


 97.9900, -34.9981,
25.4418

 90.2160, -44.4765,
32.2596

 101.7060,
-30.9141, 22.1828

 104.9490,
-26.1039, 19.3387

 108.7790,
-21.5830, 15.9798

 112.6090,
-17.0622, 12.6209

■ 116.3250,
-12.9782, 9.3620

■ 120.1550, -8.4574,
6.0031

■ 123.9850, -3.9366,
2.6442

■ 127.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



96.2780, -28.2381, 50.6222



94.1600, -39.5189, 28.8007



90.8960, -35.9377, 0.0912

Triad

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



94.1600, -39.5189, 28.8007



83.0430, 21.1778, -72.8287



101.3220, 22.0263, 28.6586

Complementary

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



94.1600, -39.5189, 28.8007



46.8400, 39.5189, -28.8007

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.



97.5920, 35.6971, -16.3052



94.1600, -39.5189, 28.8007



84.9300, 36.0235, -74.4836

Square

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



94.1600, -39.5189, 28.8007



77.8960, 3.9953, -68.3148



82.0580, 45.3274, -71.9649



98.0730, 6.3730, 56.0640

Rectangle

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



94.1600, -39.5189, 28.8007



87.3260, -24.8107, -22.2109



82.0580, 45.3274, -71.9649



101.4990, 26.8690, 15.3484

Sweetspot

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



94.1600, -39.5189, 28.8007



152.6520, -15.6044, 11.7062



51.8910, -0.9323, 65.8706



76.2260, -9.4784, 6.8178



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.



94.1600, -39.5189, 28.8007



117.7260, -58.0389, 42.3363



107.8390, -46.2626, -1.6128



62.0280, -2.4788, 1.7294



90.5150, -44.6239, 32.8743



0.0000, 0.0000, 0.0000

Inverse Universe

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



46.8400, 39.5189, -28.8007



48.2740, 58.0389, -42.3363



33.1610, 46.2626, 1.6128



58.9720, 2.4788, -1.7294



36.8980, 44.9133, -32.3595



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 94.1600, -39.5189, 28.8007 looks on a white background.

Color Contrast Check

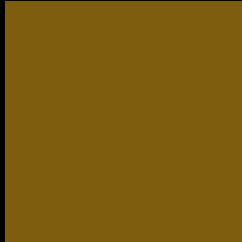
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.1600, -39.5189, 28.8007 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 94.1600, -39.5189, 28.8007

Background



This preview shows how black text looks on a background with the YUV color 94.1600, -39.5189, 28.8007.



This preview shows how white text looks on a background with the YUV color 94.1600, -39.5189,

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

94.1600, -39.5189, 28.8007

Protanopia

93.4250, -38.1705, 16.2903

Deuteranopia

94.0350, -39.9503, 27.1563



Tritanopia

100.8400, -3.8651, 26.4503

Trichromacy



Original Color

94.1600, -39.5189, 28.8007

Protanomaly

93.6320, -38.7656, 20.4937

Deuteranomaly

94.3340, -40.0977, 27.7711

Tritanomaly

98.4090, -16.9636, 27.7053

Monochromacy



Original Color

94.1600, -39.5189, 28.8007

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2820, -14.4360, 10.2767

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.1600, -39.5189, 28.8007 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(127, 93, 14)` looks like.

```
.text, #text, p{  
    color:rgb(127, 93, 14)  
}
```

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(127, 93, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 93, 14) }
```

Border

The CSS property to change the border of an element to YUV 94.1600, -39.5189, 28.8007 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(127, 93, 14) }
```


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

```
.border{ border-color:rgb(127, 93, 14) }
```

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

Here you see how a box with a 4 pixel rgb(127, 93, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 93, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 93, 14);  
box-shadow:4px 4px 4px 4px rgb(127, 93,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 94.1600, -39.5189, 28.8007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 93, 14) }
```

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

```
.background{ background-color: rgb(127, 93,  
14) }
```

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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