

Converting Colors

YUV(135.6390, -46.1640,
13.4716)

Have a look what the booklet for
YUV(135.6390, -46.1640, 13.4716)
contains.

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Color

**YUV(135.6390, -46.1640,
13.4716)**

Conversions

Conversions Part 1

Format	Color
Hex	97922A
RGB	151, 146, 42
RGB Percent	59%, 57%, 16%
CMY	0.4078, 0.4275, 0.8353
CMYK	0.00, 0.03, 0.72, 0.41
HSL	57°, 56%, 38%
HSV	57°, 72%, 59%
XYZ	23.4593, 27.3042, 6.2243
YIQ	135.6390, 36.3640, -31.2840

Conversions

Conversions Part 2

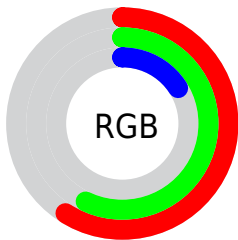
Format	Color
R_{YB}	47, 151, 42
Decimal	9933354
CIE _{Lab}	59.25, -10.74, 52.71
CIE _{LCh}	59, 53.788, 101.514
Y _{xy}	27.3042, 0.4117, 0.4791
Android (android.graphics.Color)	4288123434 (0xFF97922A)
YUV	135.6390, -46.1640, 13.4716
Hunter-Lab	52.2535, -11.3056, 29.5150

Details

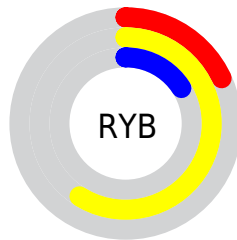
The YUV color **135.6390, -46.1640, 13.4716** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **57.3610, 46.1640, -13.4716**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4220, -47.0430, 15.4159**, and **85.3550, -42.0800, 10.2127** is the 20% darker color. If you saturate the color by 10%, you get **133.3420, -52.4266, 15.4861**, and if you desaturate by 10%, it is **137.9360, -39.9014, 11.4571**.

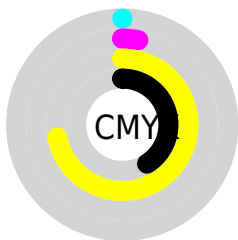
Distribution



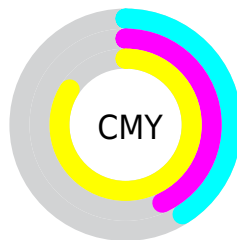
- Red (59%)
- Green (57%)
- Blue (16%)



- Red (18%)
- Yellow (59%)
- Blue (16%)



- Cyan (0%)
- Magenta (3%)
- Yellow (72%)
- Black (41%)



- Cyan (41%)
- Magenta (43%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6390, -46.1640, 13.4716 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 135.6390, -46.1640, 13.4716 by changing the saturation by 10% instead.

■ 135.6390,
-46.1640, 13.4716

■ 135.6390,
-46.1640, 13.4716

■ 255.0000, 0.0000,
0.0000

■ 108.2430,
-48.9268, 12.9419

■ 190.4220,
-47.0430, 15.4159

■ 85.3550, -42.0800,
10.2127

■ 218.4930,
-48.0640, 16.2306

■ 63.4930, -31.3020,
6.5836

■ 242.8020,
-46.7374, 10.6976

■ 42.8050, -21.1029,
1.9250

■ 245.9940,
-34.5070, 7.8983

■ 23.0030, -11.3405,
-2.6336

■ 249.1860,
-22.2767, 5.0989

■ 0.0000, 0.0000,
0.0000

■ 252.3780,

-10.0464, 2.2995

■ 135.6390,
-46.1640, 13.4716

■ 135.6390,
-46.1640, 13.4716

■ 133.3420,
-52.4266, 15.4861

■ 137.9360,
-39.9014, 11.4571

■ 131.6320,
-58.9786, 16.9857

■ 139.6460,
-33.3495, 9.9575

■ 129.6770,
-63.9308, 18.7003

■ 141.9430,
-27.0869, 7.9430

■ 144.2400,
-20.8243, 5.9285

■ 145.9500,
-14.2723, 4.4289

■ 148.3610, -7.5730,
2.3144

■ 150.6580, -1.3104,
0.2999

■ 152.9550, 4.9522,
-1.7145

■ 154.6650, 11.5042,
-3.2142

Harmonies

Analogous

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



139.4180, -44.0831, 46.1144



135.6390, -46.1640, 13.4716



129.5120, -30.3254, -26.7590

Triad

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



135.6390, -46.1640, 13.4716



119.5240, 41.6467, -104.8225



145.4570, 14.0717, 60.1122

Complementary

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



135.6390, -46.1640, 13.4716



57.3610, 46.1640, -13.4716

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.



146.5410, 33.2573, 19.6965



135.6390, -46.1640, 13.4716



118.0200, 56.1921, -103.5035

Square

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



135.6390, -46.1640, 13.4716



115.6820, 21.8488, -101.4531



136.1570, 48.7296, -43.1107



141.5350, -7.6588, 76.7068

Rectangle

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



135.6390, -46.1640, 13.4716



119.9770, -12.3137, -64.0008



136.1570, 48.7296, -43.1107



146.5140, 20.9456, 48.6612

Sweetspot

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



135.6390, -46.1640, 13.4716



189.9240, -18.2035, 5.3287



75.1610, -13.8834, 66.5108



95.5630, -10.6306, 3.0142



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.



135.6390, -46.1640, 13.4716



172.5110, -72.2299, 20.5999



123.9230, -40.3880, -19.2265



75.5010, -3.2050, 1.3146



120.5180, -59.4154, 17.0857



10.9310, -5.3890, 1.8145

Inverse Universe

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



57.3610, 46.1640, -13.4716



49.4890, 72.2299, -20.5999



69.0770, 40.3880, 19.2265



69.9120, 3.4944, -0.7998



19.4820, 59.4154, -17.0857



2.0690, 5.3890, -1.8145

Previews

White Background



This preview shows how the YUV color 135.6390, -46.1640, 13.4716 looks on a white 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

Black Background



This preview shows how the YUV color 135.6390, -46.1640, 13.4716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

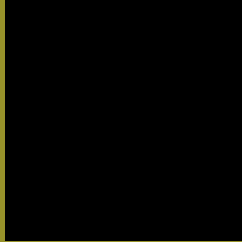
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.6390, -46.1640, 13.4716

Background



This preview shows how black text looks on a background with the YUV color 135.6390, -46.1640, 13.4716.



This preview shows how white text looks on a background with the YUV color 135.6390, -46.1640, 13.4716.

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

135.6390, -46.1640, 13.4716

Protanopia

136.4550, -47.0593, 20.6490

Deuteranopia

138.0100, -45.3609, 35.9482



Tritanopia

144.4300, 1.2670, 13.6549

Trichromacy



Original Color

135.6390, -46.1640, 13.4716

Protanomaly

136.1450, -46.9065, 18.2898

Deuteranomaly

137.2540, -45.4812, 27.8412

Tritanomaly

141.5490, -16.0467, 13.5505

Monochromacy



Original Color

135.6390, -46.1640, 13.4716

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9670, -16.7457, 4.4139

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6390, -46.1640, 13.4716 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(151, 146, 42)` looks like.

```
.text, #text, p{  
    color:rgb(151, 146, 42)  
}
```

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(151, 146, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 146, 42) }
```

Border

The CSS property to change the border of an element to YUV 135.6390, -46.1640, 13.4716 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(151, 146, 42) }
```


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

```
.border{ border-color:rgb(151, 146, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 146, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 146, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 146, 42);  
box-shadow:4px 4px 4px 4px rgb(151, 146,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 135.6390, -46.1640, 13.4716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 146, 42) }
```

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

```
.background{ background-color: rgb(151,  
146, 42) }
```

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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