

Converting Colors

YUV(114.1280, -40.9821,
31.4597)

Have a look what the booklet for
YUV(114.1280, -40.9821, 31.4597)
contains.

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Color

**YUV(114.1280, -40.9821,
31.4597)**

Conversions

Conversions Part 1

Format	Color
Hex	96701F
RGB	150, 112, 31
RGB Percent	59%, 44%, 12%
CMY	0.4118, 0.5608, 0.8784
CMYK	0.00, 0.25, 0.79, 0.41
HSL	41°, 66%, 35%
HSV	41°, 79%, 59%
XYZ	18.6192, 18.1713, 3.8224
YIQ	114.1280, 48.6490, -17.1350

Conversions

Conversions Part 2

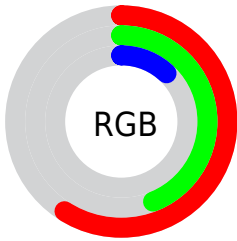
Format	Color
R _Y B	87, 150, 31
Decimal	9859103
CIE Lab	49.70, 7.18, 47.79
CIE LCh	50, 48.331, 81.452
Yxy	18.1713, 0.4585, 0.4474
Android (android.graphics.Color)	4288049183 (0xFF96701F)
YUV	114.1280, -40.9821, 31.4597
Hunter-Lab	42.6278, 3.3674, 24.5230

Details

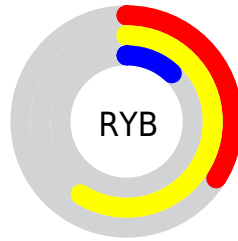
The YUV color **114.1280, -40.9821, 31.4597** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **66.8720, 40.9821, -31.4597**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2210, -42.0140, 35.7632**, and **66.5600, -32.8141, 24.9419** is the 20% darker color. If you saturate the color by 10%, you get **109.4830, -46.0871, 35.5334**, and if you desaturate by 10%, it is **118.7730, -35.8771, 27.3861**.

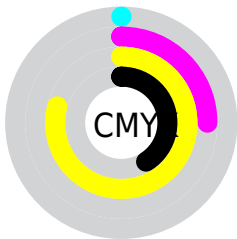
Distribution



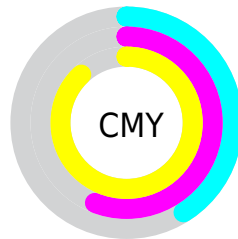
- Red (59%)
- Green (44%)
- Blue (12%)



- Red (34%)
- Yellow (59%)
- Blue (12%)



- Cyan (0%)
- Magenta (25%)
- Yellow (79%)
- Black (41%)



- Cyan (41%)
- Magenta (56%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1280, -40.9821, 31.4597 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 114.1280, -40.9821, 31.4597 by changing the saturation by 10% instead.

■ 114.1280,
-40.9821, 31.4597

■ 114.1280,
-40.9821, 31.4597

■ 255.0000, 0.0000,
0.0000

■ 88.1340, -43.4501,
29.7005

■ 167.2210,
-42.0140, 35.7632

■ 66.5600, -32.8141,
24.9419

■ 194.5910,
-43.1824, 37.1927

■ 45.5730, -22.4675,
19.6685

■ 219.4870,
-42.1451, 31.1449

■ 26.3580, -12.9945,
14.5950

■ 239.5880,
-38.7439, 13.5163

■ 4.4850, -2.2111,
9.2217

■ 247.3620,
-29.2655, 6.6985

■ 0.0000, 0.0000,
0.0000

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

114.1280,
-40.9821, 31.4597

114.1280,
-40.9821, 31.4597

109.4830,
-46.0871, 35.5334

118.7730,
-35.8771, 27.3861

104.8380,
-51.1921, 39.6071

123.4180,
-30.7721, 23.3124

104.7240,
-51.6289, 39.7071

127.4760,
-25.3777, 19.7535

132.1210,
-20.2727, 15.6799

136.7660,
-15.1676, 11.6062

■ 141.4110,
-10.0626, 7.5326

■ 146.0560, -4.9576,
3.4589

■ 150.1140, 0.4368,
-0.1000

■ 154.7590, 5.5418,
-4.1736

Harmonies

Analogous

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



116.1430, -30.1435, 55.1256



114.1280, -40.9821, 31.4597



110.5540, -37.2481, 0.3911

Triad

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



114.1280, -40.9821, 31.4597



97.7640, 24.2733, -85.7390



122.0880, 23.6206, 30.6178

Complementary

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



114.1280, -40.9821, 31.4597



66.8720, 40.9821, -31.4597

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.



117.2760, 38.3179, -16.9051



114.1280, -40.9821, 31.4597



99.9930, 40.4295, -87.6939

Square

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



114.1280, -40.9821, 31.4597



92.3890, 6.2172, -81.0252



96.6480, 50.4595, -84.7603



119.0950, 6.3622, 59.5527

Rectangle

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



114.1280, -40.9821, 31.4597



106.8590, -26.5525, -23.5553



96.6480, 50.4595, -84.7603



121.9660, 28.6108, 16.6928

Sweetspot

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



114.1280, -40.9821, 31.4597



179.8370, -16.1886, 12.4210



71.1410, -0.0695, 69.1593



88.5250, -9.6258, 7.4326



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



114.1280, -40.9821, 31.4597



138.3910, -63.2968, 48.7691



130.4540, -49.0308, -0.3982



72.0280, -2.4788, 1.7294



96.4400, -47.5449, 36.4481



7.0990, -3.4998, 2.5442

Inverse Universe

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



66.8720, 40.9821, -31.4597



65.0220, 63.5862, -48.2543



50.5460, 49.0308, 0.3982



68.9720, 2.4788, -1.7294



41.5600, 47.5449, -36.4481



2.9010, 3.4998, -2.5442

Previews

White Background



This preview shows how the YUV color 114.1280, -40.9821, 31.4597 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 114.1280, -40.9821, 31.4597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

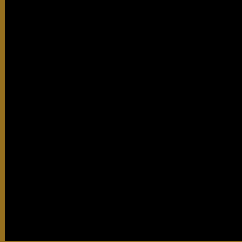
Any Text WCAG AA ✓ Pass

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 114.1280, -40.9821, 31.4597 Background



This preview shows how black text looks on a background with the YUV color 114.1280, -40.9821, 31.4597.



This preview shows how white text looks on a background with the YUV color 114.1280, -40.9821,

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

114.1280, -40.9821, 31.4597

Protanopia

113.3820, -39.6283, 17.2050

Deuteranopia

113.8290, -40.8347, 30.8450



Tritanopia

120.7480, -4.3128, 30.0390

Trichromacy



Original Color

114.1280, -40.9821, 31.4597

Protanomaly

113.3010, -40.0814, 22.5380

Deuteranomaly

113.8290, -40.8347, 30.8450

Tritanomaly

118.6050, -17.5533, 30.1644

Monochromacy



Original Color

114.1280, -40.9821, 31.4597

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8800, -14.7308, 11.5062

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1280, -40.9821, 31.4597 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(150, 112, 31)` looks like.

```
.text, #text, p{  
    color:rgb(150, 112, 31)  
}
```

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(150, 112, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 112, 31) }
```

Border

The CSS property to change the border of an element to YUV 114.1280, -40.9821, 31.4597 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(150, 112, 31) }
```


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

```
.border{ border-color:rgb(150, 112, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 112, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 112, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 112, 31);  
box-shadow:4px 4px 4px 4px rgb(150, 112,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 114.1280, -40.9821, 31.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 112, 31) }
```

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

```
.background{ background-color: rgb(150,  
112, 31) }
```

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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