

Converting Colors

YUV(113.0680, -39.9665,
32.3894)

Have a look what the booklet for
YUV(113.0680, -39.9665, 32.3894)
contains.

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Color

**YUV(113.0680, -39.9665,
32.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	966E20
RGB	150, 110, 32
RGB Percent	59%, 43%, 13%
CMY	0.4118, 0.5686, 0.8745
CMYK	0.00, 0.27, 0.79, 0.41
HSL	40°, 65%, 36%
HSV	40°, 79%, 59%
XYZ	18.4143, 17.7402, 3.8202
YIQ	113.0680, 48.8780, -15.7780

Conversions

Conversions Part 2

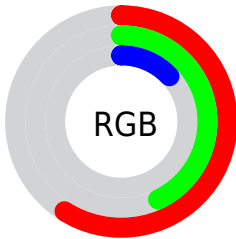
Format	Color
R_{YB}	93, 150, 32
Decimal	9858592
CIE Lab	49.18, 8.37, 46.90
CIE LCh	49, 47.645, 79.879
Yxy	17.7402, 0.4606, 0.4438
Android (android.graphics.Color)	4288048672 (0xFF966E20)
YUV	113.0680, -39.9665, 32.3894
Hunter-Lab	42.1191, 4.3312, 24.1058

Details

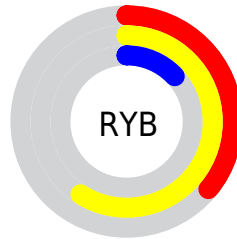
The YUV color **113.0680, -39.9665, 32.3894** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **68.9320, 39.9665, -32.3894**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0470, -41.4352, 36.7928**, and **65.3860, -32.2353, 25.9715** is the 20% darker color. If you saturate the color by 10%, you get **108.4230, -45.0715, 36.4630**, and if you desaturate by 10%, it is **117.7130, -34.8615, 28.3157**.

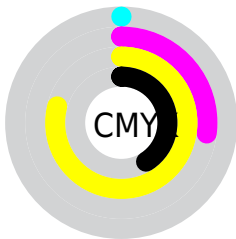
Distribution



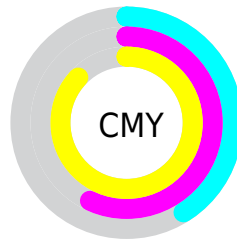
- Red (59%)
- Green (43%)
- Blue (13%)



- Red (36%)
- Yellow (59%)
- Blue (13%)



- Cyan (0%)
- Magenta (27%)
- Yellow (79%)
- Black (41%)



- Cyan (41%)
- Magenta (57%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0680, -39.9665, 32.3894 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 113.0680, -39.9665, 32.3894 by changing the saturation by 10% instead.

■ 113.0680,
-39.9665, 32.3894

■ 113.0680,
-39.9665, 32.3894

■ 255.0000, 0.0000,
0.0000

■ 87.1880, -41.9977,
30.5301

■ 166.0470,
-41.4352, 36.7928

■ 65.3860, -32.2353,
25.9715

■ 193.5310,
-42.1668, 38.1223

■ 44.3990, -21.8887,
20.6981

■ 218.3130,
-41.5663, 32.1745

■ 24.8850, -12.2683,
15.0099

■ 237.8270,
-37.8757, 15.0607

■ 3.5880, -1.7689,
7.3773

■ 247.4760,
-28.8287, 6.5985

■ 0.0000, 0.0000,
0.0000

■ 250.6680,

-16.5983, 3.7992

253.9740, -3.9312,
0.8998

113.0680,
-39.9665, 32.3894

113.0680,
-39.9665, 32.3894

108.4230,
-45.0715, 36.4630

117.7130,
-34.8615, 28.3157

103.7780,
-50.1766, 40.5367

122.3580,
-29.7565, 24.2420

102.9630,
-50.7608, 41.2514

127.0030,
-24.6515, 20.1684

131.6480,
-19.5465, 16.0947

136.2930,
-14.4414, 12.0210

■ 141.5250, -9.6258,
7.4326

■ 146.1700, -4.5208,
3.3589

■ 150.8150, 0.5842,
-0.7148

■ 155.4600, 5.6892,
-4.7884

Harmonies

Analogous

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



114.7840, -28.9805, 55.4404



113.0680, -39.9665, 32.3894



109.8640, -37.4010, 2.7503

Triad

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



113.0680, -39.9665, 32.3894



96.1340, 23.1049, -84.3095



120.7780, 23.7734, 28.2587

Complementary

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



113.0680, -39.9665, 32.3894



68.9320, 39.9665, -32.3894

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.



115.5530, 38.1814, -19.7790



113.0680, -39.9665, 32.3894



98.3630, 39.2610, -86.2644

Square

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



113.0680, -39.9665, 32.3894



91.3460, 4.7594, -80.1104



95.7190, 49.4385, -83.9456



117.3120, 7.2412, 57.6084

Rectangle

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



113.0680, -39.9665, 32.3894



106.0550, -27.1421, -21.0962



95.7190, 49.4385, -83.9456



119.7700, 29.2004, 14.2337

Sweetspot

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



113.0680, -39.9665, 32.3894



179.2500, -15.8993, 12.9358



71.9560, 0.5147, 68.4446



87.9380, -9.3364, 7.9474



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.



113.0680, -39.9665, 32.3894



136.8580, -61.5550, 50.1135



131.1660, -48.8888, 0.7314



71.4410, -2.1894, 2.2442



94.6790, -46.6767, 37.9925



7.0990, -3.4998, 2.5442

Inverse Universe

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



68.9320, 39.9665, -32.3894



68.5550, 61.8444, -49.5987



50.8340, 48.8888, -0.7314



68.9720, 2.4788, -1.7294



43.3210, 46.6767, -37.9925



2.9010, 3.4998, -2.5442

Previews

White Background



This preview shows how the YUV color 113.0680, -39.9665, 32.3894 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 113.0680, -39.9665, 32.3894 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 113.0680, -39.9665, 32.3894

Background



This preview shows how black text looks on a background with the YUV color 113.0680, -39.9665, 32.3894.



This preview shows how white text looks on a background with the YUV color 113.0680, -39.9665, 32.3894.

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

113.0680, -39.9665, 32.3894

Protanopia

111.7240, -38.3179, 16.9051

Deuteranopia

112.6440, -40.2505, 30.1302



Tritanopia

119.3460, -4.6076, 31.2686

Trichromacy



Original Color

113.0680, -39.9665, 32.3894

Protanomaly

111.9420, -38.9184, 22.8529

Deuteranomaly

112.9430, -40.3979, 30.7450

Tritanomaly

117.3170, -17.4113, 31.2940

Monochromacy



Original Color

113.0680, -39.9665, 32.3894

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9940, -14.2940, 11.4063

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0680, -39.9665, 32.3894 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, 110, 32)` looks like.

```
.text, #text, p{  
    color:rgb(150, 110, 32)  
}
```

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, 110, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 110, 32) }
```

Border

The CSS property to change the border of an element to YUV 113.0680, -39.9665, 32.3894 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, 110, 32) }
```


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

```
.border{ border-color:rgb(150, 110, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 110, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 110, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 110, 32);  
box-shadow:4px 4px 4px 4px rgb(150, 110,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 113.0680, -39.9665, 32.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 110, 32) }
```

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

```
.background{ background-color: rgb(150,  
110, 32) }
```

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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