

Converting Colors

YUV(103.6390, -22.5000,
30.1346)

Have a look what the booklet for
YUV(103.6390, -22.5000, 30.1346)
contains.

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Color

**YUV(103.6390, -22.5000,
30.1346)**

Conversions

Conversions Part 1

Format	Color
Hex	8A5F3A
RGB	138, 95, 58
RGB Percent	54%, 37%, 23%
CMY	0.4588, 0.6275, 0.7725
CMYK	0.00, 0.31, 0.58, 0.46
HSL	28°, 41%, 38%
HSV	28°, 58%, 54%
XYZ	15.3372, 13.8932, 5.8763
YIQ	103.6390, 37.5050, -2.3910

Conversions

Conversions Part 2

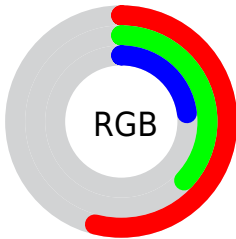
Format	Color
R_{YB}	138, 127, 58
Decimal	9068346
CIE _{Lab}	44.08, 13.25, 28.00
CIE _{LCh}	44, 30.980, 64.682
Yxy	13.8932, 0.4369, 0.3957
Android (android.graphics.Color)	4287258426 (0xFF8A5F3A)
YUV	103.6390, -22.5000, 30.1346
Hunter-Lab	37.2736, 8.2197, 16.7443

Details

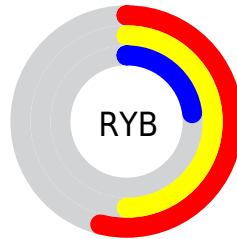
The YUV color **103.6390, -22.5000, 30.1346** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **92.3610, 22.5000, -30.1346**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.7920, -24.5475, 33.5084**, and **55.7740, -20.5946, 25.6312** is the 20% darker color. If you saturate the color by 10%, you get **97.9340, -26.5895, 35.1379**, and if you desaturate by 10%, it is **109.3440, -18.4106, 25.1313**.

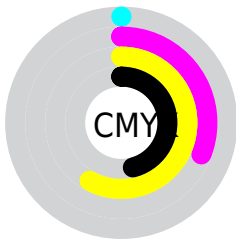
Distribution



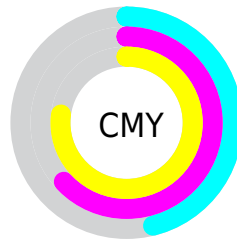
- Red (54%)
- Green (37%)
- Blue (23%)



- Red (54%)
- Yellow (50%)
- Blue (23%)



- Cyan (0%)
- Magenta (31%)
- Yellow (58%)
- Black (46%)



- Cyan (46%)
- Magenta (63%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6390, -22.5000, 30.1346 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 103.6390, -22.5000, 30.1346 by changing the saturation by 10% instead.

■ 103.6390,
-22.5000, 30.1346

■ 103.6390,
-22.5000, 30.1346

■ 255.0000, 0.0000,
0.0000

■ 78.9700, -21.1842,
28.0903

■ 155.7920,
-24.5475, 33.5084

■ 55.7740, -20.5946,
25.6312

■ 182.5750,
-25.4265, 35.4527

■ 33.7890, -16.6580,
22.9870

■ 210.1730,
-25.7213, 36.6823

■ 13.1120, -6.4642,
20.0728

■ 231.1710,
-22.7623, 20.8980

■ 0.0000, 0.0000,
0.0000

■ 250.2120,
-18.3455, 4.1991

■ 253.4040, -6.1152,

1.3997

■ 103.6390,
-22.5000, 30.1346

■ 103.6390,
-22.5000, 30.1346

■ 97.9340, -26.5895,
35.1379

■ 109.3440,
-18.4106, 25.1313

■ 91.6420, -30.3895,
40.6560

■ 115.6360,
-14.6105, 19.6132

■ 86.0510, -34.0421,
45.5593

■ 121.2270,
-10.9579, 14.7099

■ 79.7590, -37.8422,
51.0774

■ 127.5190, -7.1579,
9.1918

■ 78.8300, -38.8632,
51.8921

■ 133.2240, -3.0684,
4.1886

■ 139.5160, 0.7316,
-1.3295

■ 145.2210, 4.8210,
-6.3328

■ 150.8120, 8.4737,
-11.2361

■ 157.1040, 12.2737,
-16.7542

Harmonies

Analogous

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



104.8820, -14.2388, 40.4455



103.6390, -22.5000, 30.1346



101.6600, -24.4824, 12.5762

Triad

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



103.6390, -22.5000, 30.1346



81.5780, 13.0260, -71.5439



106.5980, 19.9182, 4.7376

Complementary

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



103.6390, -22.5000, 30.1346



92.3610, 22.5000, -30.1346

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.



100.2350, 26.9991, -26.5161



103.6390, -22.5000, 30.1346



83.8410, 24.2354, -73.5286

Square

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



103.6390, -22.5000, 30.1346



94.0700, -6.4435, -33.3874



83.4310, 32.8185, -73.1690



107.4070, 9.6593, 28.5841

Rectangle

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



103.6390, -22.5000, 30.1346



99.9680, -21.6762, -0.8489



83.4310, 32.8185, -73.1690



105.2270, 22.5661, -4.5841

Sweetspot

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



103.6390, -22.5000, 30.1346



165.4870, -8.6211, 11.8509



86.9360, 7.4266, 44.7831



81.6650, -5.2578, 6.4328



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



103.6390, -22.5000, 30.1346



124.8340, -34.9212, 47.5036



126.5320, -33.7863, 10.0574



65.8540, -1.9000, 2.7590



75.5740, -37.2580, 50.3626



2.6690, -1.3158, 2.0443

Inverse Universe

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



92.3610, 22.5000, -30.1346



107.5790, 35.2106, -46.9888



69.4680, 33.7863, -10.0574



65.1460, 1.9000, -2.7590



56.8390, 37.5474, -49.8478



2.3310, 1.3158, -2.0443

Previews

White Background



This preview shows how the YUV color 103.6390, -22.5000, 30.1346 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 103.6390, -22.5000, 30.1346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

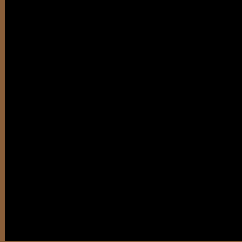
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.6390, -22.5000, 30.1346

Background



This preview shows how black text looks on a background with the YUV color 103.6390, -22.5000, 30.1346.



This preview shows how white text looks on a background with the YUV color 103.6390, -22.5000,

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

103.6390, -22.5000, 30.1346

Protanopia

102.9740, -20.6932, 10.5468

Deuteranopia

103.4700, -22.9097, 21.5128



Tritanopia

106.0470, -4.4602, 30.6538

Trichromacy



Original Color

103.6390, -22.5000, 30.1346

Protanomaly

102.9040, -21.1517, 17.6242

Deuteranomaly

103.4920, -22.9206, 25.0015

Tritanomaly

105.3260, -11.0067, 30.4091

Monochromacy



Original Color

103.6390, -22.5000, 30.1346

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8890, -8.3263, 10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6390, -22.5000, 30.1346 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(138, 95, 58)` looks like.

```
.text, #text, p{  
    color:rgb(138, 95, 58)  
}
```

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(138, 95, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 95, 58) }
```

Border

The CSS property to change the border of an element to YUV 103.6390, -22.5000, 30.1346 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(138, 95, 58) }
```


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

```
.border{ border-color:rgb(138, 95, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 95, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 95, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 95, 58);  
box-shadow:4px 4px 4px 4px rgb(138, 95,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 103.6390, -22.5000, 30.1346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 95, 58) }
```

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

```
.background{ background-color: rgb(138, 95,  
58) }
```

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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