

Converting Colors

YUV(110.3960, -44.0722,
42.6257)

Have a look what the booklet for
YUV(110.3960, -44.0722, 42.6257)
contains.

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Color

**YUV(110.3960, -44.0722,
42.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6715
RGB	159, 103, 21
RGB Percent	62%, 40%, 8%
CMY	0.3765, 0.5961, 0.9176
CMYK	0.00, 0.35, 0.87, 0.38
HSL	36°, 77%, 35%
HSV	36°, 87%, 62%
XYZ	19.2837, 17.1256, 2.9987
YIQ	110.3960, 59.6980, -13.6300

Conversions

Conversions Part 2

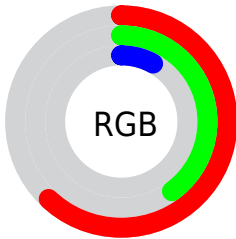
Format	Color
R_{YB}	115, 159, 21
Decimal	10446613
CIE _{Lab}	48.42, 16.14, 50.67
CIE _{LCh}	48, 53.176, 72.333
Yxy	17.1256, 0.4893, 0.4346
Android (android.graphics.Color)	4288636693 (0xFF9F6715)
YUV	110.3960, -44.0722, 42.6257
Hunter-Lab	41.3830, 10.7571, 24.6719

Details

The YUV color **110.3960, -44.0722, 42.6257** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **69.6040, 44.0722, -42.6257**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9020, -44.8147, 47.4439**, and **63.3700, -31.2414, 33.8785** is the 20% darker color. If you saturate the color by 10%, you get **105.0500, -49.3246, 47.3142**, and if you desaturate by 10%, it is **115.7420, -38.8198, 37.9373**.

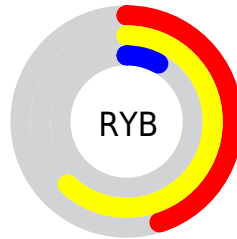
Distribution



Red (62%)

Green (40%)

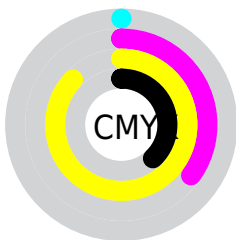
Blue (8%)



Red (45%)

Yellow (62%)

Blue (8%)

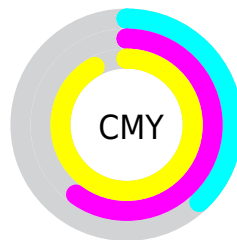


Cyan (0%)

Magenta (35%)

Yellow (87%)

Black (38%)



Cyan (38%)

Magenta (60%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.3960, -44.0722, 42.6257 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 110.3960, -44.0722, 42.6257 by changing the saturation by 10% instead.

■ 110.3960,
-44.0722, 42.6257

■ 110.3960,
-44.0722, 42.6257

■ 255.0000, 0.0000,
0.0000

■ 85.2430, -42.0248,
39.2519

■ 163.9020,
-44.8147, 47.4439

■ 63.3700, -31.2414,
33.8785

■ 191.6850,
-45.6937, 49.3883

■ 42.3830, -20.8948,
28.6051

■ 212.5910,
-43.1824, 37.1927

■ 22.5700, -11.1270,
22.3021

■ 232.6920,
-39.7812, 19.5641

■ 6.2790, -3.0955,
12.9103

■ 246.3360,
-33.1966, 7.5983

■ 0.0000, 0.0000,
0.0000

■ 249.5280,

-20.9663, 4.7989

252.8340, -8.2992,
1.8996

110.3960,
-44.0722, 42.6257

110.3960,
-44.0722, 42.6257

105.0500,
-49.3246, 47.3142

115.7420,
-38.8198, 37.9373

102.7190,
-50.6405, 49.3584

121.6750,
-33.8568, 32.7340

127.0210,
-28.6044, 28.0456

132.9540,
-23.6413, 22.8423

138.3000,
-18.3889, 18.1539

■ 144.1190,
-13.8627, 13.0506

■ 149.4650, -8.6102,
8.3622

■ 155.3980, -3.6472,
3.1590

■ 160.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



111.3060, -27.2659, 65.5066



110.3960, -44.0722, 42.6257



106.7590, -48.1952, 11.6124

Triad

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



110.3960, -44.0722, 42.6257



94.9940, 18.7370, -83.3097



118.6720, 31.2207, 19.5817

Complementary

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



110.3960, -44.0722, 42.6257



69.6040, 44.0722, -42.6257

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.



106.5050, 47.5720, -45.1699



110.3960, -44.0722, 42.6257



98.6080, 37.6613, -86.4792

Square

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



110.3960, -44.0722, 42.6257



88.4620, -1.2138, -77.5812



97.4630, 51.0437, -85.4751



115.3320, 13.6403, 58.4678

Rectangle

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



110.3960, -44.0722, 42.6257



103.6940, -36.3311, -13.7636



97.4630, 51.0437, -85.4751



116.6420, 36.6585, 2.0680

Sweetspot

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



110.3960, -44.0722, 42.6257



187.9300, -17.2205, 16.7244



68.7600, 4.5553, 79.1405



93.0200, -10.3629, 10.5065



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



110.3960, -44.0722, 42.6257



134.0940, -66.1083, 63.9386



139.9790, -58.6566, 7.0344



76.3270, -2.6262, 2.3442



92.6520, -45.6774, 44.1552



9.7680, -4.8156, 4.5885

Inverse Universe

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



69.6040, 44.0722, -42.6257



72.9060, 66.1083, -63.9386



40.3200, 58.5092, -6.4196



73.6730, 2.6262, -2.3442



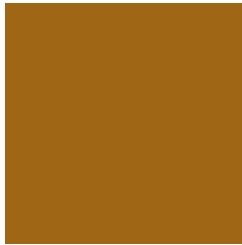
50.3480, 45.6774, -44.1552



5.2320, 4.8156, -4.5885

Previews

White Background



This preview shows how the YUV color 110.3960, -44.0722, 42.6257 looks on a white background.

Color Contrast Check

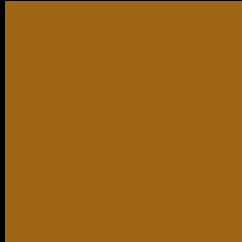
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.3960, -44.0722, 42.6257 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 110.3960, -44.0722, 42.6257

Background



This preview shows how black text looks on a background with the YUV color 110.3960, -44.0722, 42.6257.



This preview shows how white text looks on a background with the YUV color 110.3960, -44.0722, 42.6257.

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

110.3960, -44.0722, 42.6257

Protanopia

109.6980, -42.2491, 17.8049

Deuteranopia

109.4610, -46.0763, 32.0447



Tritanopia

116.8310, -6.8187, 40.4902

Trichromacy



Original Color

110.3960, -44.0722, 42.6257

Protanomaly

109.9380, -42.8604, 27.2414

Deuteranomaly

110.0100, -45.3609, 35.9482

Tritanomaly

114.8730, -20.6434, 41.3304

Monochromacy



Original Color

110.3960, -44.0722, 42.6257

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9730, -15.7627, 15.8097

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.3960, -44.0722, 42.6257 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(159, 103, 21)` looks like.

```
.text, #text, p{  
    color:rgb(159, 103, 21)  
}
```

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(159, 103, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 103, 21) }
```

Border

The CSS property to change the border of an element to YUV 110.3960, -44.0722, 42.6257 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(159, 103, 21) }
```


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

```
.border{ border-color:rgb(159, 103, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 103, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 103, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 103, 21);  
box-shadow:4px 4px 4px 4px rgb(159, 103,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 110.3960, -44.0722, 42.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 103, 21) }
```

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

```
.background{ background-color: rgb(159,  
103, 21) }
```

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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