

Converting Colors

YUV(112.4770, -23.4062,
40.8007)

Have a look what the booklet for
YUV(112.4770, -23.4062, 40.8007)
contains.

YUV(112.4770, -23.4062, 40.8007)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(112.4770, -23.4062,
40.8007)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6241
RGB	159, 98, 65
RGB Percent	62%, 38%, 25%
CMY	0.3765, 0.6157, 0.7451
CMYK	0.00, 0.38, 0.59, 0.38
HSL	21°, 42%, 44%
HSV	21°, 59%, 62%
XYZ	19.6199, 16.4879, 7.1494
YIQ	112.4770, 46.9490, 2.6690

Conversions

Conversions Part 2

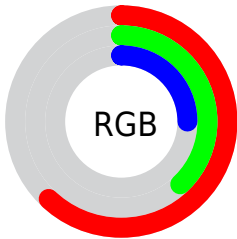
Format	Color
R_{YB}	159, 116, 65
Decimal	10445377
CIE _{Lab}	47.61, 21.33, 28.98
CIE _{LCh}	48, 35.983, 53.655
Yxy	16.4879, 0.4536, 0.3812
Android (android.graphics.Color)	4288635457 (0xFF9F6241)
YUV	112.4770, -23.4062, 40.8007
Hunter-Lab	40.6054, 15.1891, 17.9845

Details

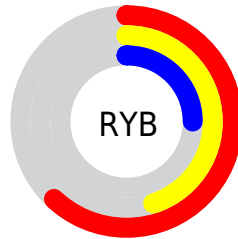
The YUV color **112.4770, -23.4062, 40.8007** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **111.5230, 23.4062, -40.8007**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.3420, -25.3116, 45.3041**, and **63.3130, -21.3533, 35.6825** is the 20% darker color. If you saturate the color by 10%, you get **104.7830, -27.5010, 47.5483**, and if you desaturate by 10%, it is **120.1710, -19.3113, 34.0530**.

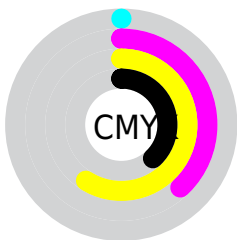
Distribution



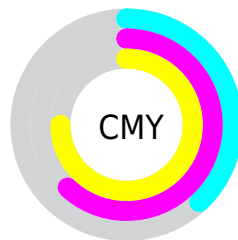
- Red (62%)
- Green (38%)
- Blue (25%)



- Red (62%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (38%)
- Yellow (59%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4770, -23.4062, 40.8007 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 112.4770, -23.4062, 40.8007 by changing the saturation by 10% instead.

■ 112.4770,
-23.4062, 40.8007

■ 112.4770,
-23.4062, 40.8007

■ 255.0000, 0.0000,
0.0000

■ 87.3950, -22.3797,
38.2416

■ 165.3420,
-25.3116, 45.3041

■ 63.3130, -21.3533,
35.6825

■ 192.7120,
-26.4800, 46.7336

■ 39.7580, -19.6007,
33.5382

■ 214.9170,
-24.1161, 35.1528

■ 19.3580, -9.5435,
27.7500

■ 234.4310,
-20.4255, 18.0390

■ 6.8770, -3.3904,
14.1399

■ 251.1240,
-14.8511, 3.3993

■ 0.0000, 0.0000,
0.0000

■ 254.4300, -2.1840,

0.4999

■ 112.4770,
-23.4062, 40.8007

■ 112.4770,
-23.4062, 40.8007

■ 104.7830,
-27.5010, 47.5483

■ 120.1710,
-19.3113, 34.0530

■ 96.5020, -31.3065,
54.8107

■ 128.4520,
-15.5058, 26.7906

■ 88.8080, -35.4013,
61.5584

■ 136.1460,
-11.4110, 20.0430

■ 81.1140, -39.4962,
68.3060

■ 143.8400, -7.3161,
13.2953

■ 80.4130, -39.6436,
68.9208

■ 152.1210, -3.5107,
6.0329

■ 159.7010, 0.1474,
-0.6148

■ 167.3950, 4.2423,
-7.3624

■ 175.6760, 8.0477,
-14.6249

■ 183.3700, 12.1426,
-21.3725

Harmonies

Analogous

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



113.3330, -11.5032, 49.6970



112.4770, -23.4062, 40.8007



110.7600, -29.4617, 23.0125

Triad

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



112.4770, -23.4062, 40.8007



87.4050, 8.6743, -75.7772



113.9430, 26.6501, -7.8430

Complementary

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



112.4770, -23.4062, 40.8007



111.5230, 23.4062, -40.8007

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.



101.8450, 35.0794, -51.6071



112.4770, -23.4062, 40.8007



90.6400, 22.3625, -79.4913

Square

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



112.4770, -23.4062, 40.8007



103.2680, -13.4431, -28.2990



91.7290, 34.1506, -80.4463



116.3940, 16.0748, 24.2105

Rectangle

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



112.4770, -23.4062, 40.8007



109.3020, -28.2499, 7.6281



91.7290, 34.1506, -80.4463



111.0770, 30.0350, -20.2385

Sweetspot

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



112.4770, -23.4062, 40.8007



187.9930, -9.3635, 16.6691



100.0600, 12.7884, 51.6904



93.5730, -5.7055, 10.0215



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.



112.4770, -23.4062, 40.8007



133.8900, -36.4278, 64.1175



140.0660, -37.0075, 16.6051



75.1530, -2.0474, 3.3738



72.1070, -35.5488, 62.1732



7.4200, -3.6581, 6.6477

Inverse Universe

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



111.5230, 23.4062, -40.8007



132.5230, 36.7172, -63.6027



83.9340, 37.0075, -16.6051



74.8470, 2.0474, -3.3738



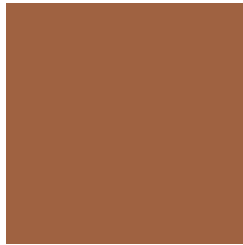
70.8930, 35.5488, -62.1732



7.5800, 3.6581, -6.6477

Previews

White Background



This preview shows how the YUV color 112.4770, -23.4062, 40.8007 looks on a white background.

Color Contrast Check

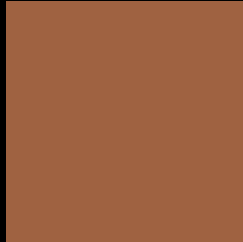
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.4770, -23.4062, 40.8007 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 112.4770, -23.4062, 40.8007

Background



This preview shows how black text looks on a background with the YUV color 112.4770, -23.4062, 40.8007.



This preview shows how white text looks on a background with the YUV color 112.4770, -23.4062, 40.8007.

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

112.4770, -23.4062, 40.8007

Protanopia

111.5010, -19.9670, 10.9616

Deuteranopia

112.1390, -24.2255, 23.5571



Tritanopia

114.7170, -7.2555, 40.5902

Trichromacy



Original Color

112.4770, -23.4062, 40.8007

Protanomaly

112.2250, -21.3099, 21.7277

Deuteranomaly

111.9980, -23.6630, 29.8198

Tritanomaly

113.5230, -13.0758, 40.7603

Monochromacy



Original Color

112.4770, -23.4062, 40.8007

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2100, -8.4845, 14.7248

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4770, -23.4062, 40.8007 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, 98, 65)` looks like.

```
.text, #text, p{  
    color:rgb(159, 98, 65)  
}
```

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, 98, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 98, 65) }
```

Border

The CSS property to change the border of an element to YUV 112.4770, -23.4062, 40.8007 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, 98, 65) }
```


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

```
.border{ border-color:rgb(159, 98, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 98, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 98, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 98, 65);  
box-shadow:4px 4px 4px 4px rgb(159, 98,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 112.4770, -23.4062, 40.8007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 98, 65) }
```

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

```
.background{ background-color: rgb(159, 98,  
65) }
```

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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