

Converting Colors

YUV(115.5060, -10.6025,
40.7752)

Have a look what the booklet for
YUV(115.5060, -10.6025, 40.7752)
contains.

YUV(115.5060, -10.6025, 40.7752)	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(115.5060, -10.6025,
40.7752)**

Conversions

Conversions Part 1

Format	Color
Hex	A2605E
RGB	162, 96, 94
RGB Percent	64%, 38%, 37%
CMY	0.3647, 0.6235, 0.6314
CMYK	0.00, 0.41, 0.42, 0.36
HSL	2°, 27%, 50%
HSV	2°, 42%, 64%
XYZ	21.1035, 16.8553, 12.7308
YIQ	115.5060, 39.9780, 13.3700

Conversions

Conversions Part 2

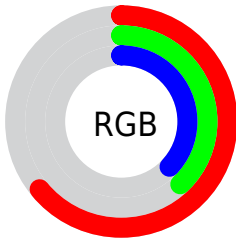
Format	Color
RYB	162, 96, 94
Decimal	10641502
CIELab	48.08, 26.57, 12.68
CIELCh	48, 29.443, 25.510
Yxy	16.8553, 0.4163, 0.3325
Android (android.graphics.Color)	4288831582 (0xFFA2605E)
YUV	115.5060, -10.6025, 40.7752
Hunter-Lab	41.0552, 19.9076, 10.3534

Details

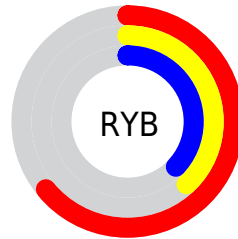
The YUV color **115.5060, -10.6025, 40.7752** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **140.4940, 10.6025, -40.7752**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1860, -11.9237, 44.5639**, and **65.9400, -8.8444, 36.8866** is the 20% darker color. If you saturate the color by 10%, you get **104.2900, -12.9610, 50.6117**, and if you desaturate by 10%, it is **126.7220, -8.2439, 30.9388**.

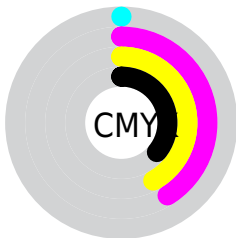
Distribution



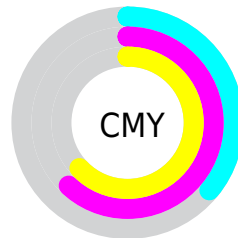
- Red (64%)
- Green (38%)
- Blue (37%)



- Red (64%)
- Yellow (38%)
- Blue (37%)



- Cyan (0%)
- Magenta (41%)
- Yellow (42%)
- Black (36%)



- Cyan (36%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5060, -10.6025, 40.7752 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 115.5060, -10.6025, 40.7752 by changing the saturation by 10% instead.

■ 115.5060,
-10.6025, 40.7752

■ 115.5060,
-10.6025, 40.7752

■ 255.0000, 0.0000,
0.0000

■ 90.3100, -10.0128,
38.3161

■ 168.1860,
-11.9237, 44.5639

■ 65.9400, -8.8444,
36.8866

■ 195.7840,
-12.2185, 45.7934

■ 41.9720, -7.3812,
34.2276

■ 217.3910, -9.5598,
32.9831

■ 18.2170, -8.9810,
34.0127

■ 237.0190, -5.4324,
15.7693

■ 9.6820, -4.2802,
19.5729

■ 0.0000, 0.0000,
0.0000

■ 115.5060,
-10.6025, 40.7752

■ 115.5060,
-10.6025, 40.7752

■ 104.2900,
-12.9610, 50.6117

■ 126.7220, -8.2439,
30.9388

■ 93.6610, -15.6089,
59.9333

■ 137.3510, -5.5960,
21.6172

■ 82.3310, -18.4042,
69.8697

■ 148.6810, -2.8007,
11.6808

■ 71.1150, -20.7627,
79.7061

■ 159.8970, -0.4422,
1.8443

■ 59.8990, -23.1212,
89.5426

■ 171.1130, 1.9163,
-7.9921

■ 51.3730, -25.3269,
97.0199

■ 181.7420, 4.5642,
-17.3137

■ 192.9580, 6.9227,
-27.1502

■ 204.2880, 9.7180,

-37.0866

■ 215.5040, 12.0765,
-46.9230

Harmonies

Analogous

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



116.8720, 1.0491, 36.9463



115.5060, -10.6025, 40.7752



114.6440, -20.0375, 33.6382

Triad

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



115.5060, -10.6025, 40.7752



106.0990, -10.4018, -23.7658



108.7780, 26.7314, -34.0083

Complementary

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



115.5060, -10.6025, 40.7752



140.4940, 10.6025, -40.7752

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.



95.4270, 28.8765, -68.7805



115.5060, -10.6025, 40.7752



100.1310, 4.3724, -49.2269

Square

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



115.5060, -10.6025, 40.7752



110.1960, -20.8026, -1.0489



89.9390, 22.2151, -78.8765



115.2980, 21.5451, -3.7693

Rectangle

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



115.5060, -10.6025, 40.7752



113.0790, -23.2099, 24.4867



89.9390, 22.2151, -78.8765



105.0540, 28.0744, -44.7744

Sweetspot

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



115.5060, -10.6025, 40.7752



192.9590, -4.4168, 16.6990



121.9700, 19.2418, 35.1063



95.0830, -2.5059, 10.4512



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



115.5060, -10.6025, 40.7752



139.4550, -16.4933, 63.6220



134.8770, -20.1524, 23.7869



76.2780, -1.6161, 5.0182



45.7030, -22.5316, 87.0835



5.9690, -2.9427, 10.5512

Inverse Universe

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



140.4940, 10.6025, -40.7752



178.5450, 16.4933, -63.6220



121.1230, 20.1524, -23.7869



78.7220, 1.6161, -5.0182



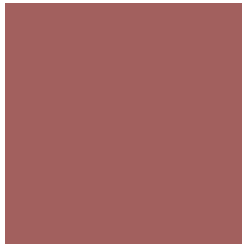
99.2970, 22.5316, -87.0835



12.0310, 2.9427, -10.5512

Previews

White Background



This preview shows how the YUV color 115.5060, -10.6025, 40.7752 looks on a white background.

Color Contrast Check

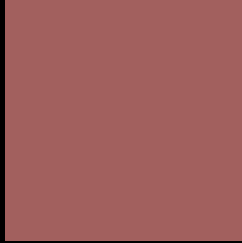
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.5060, -10.6025, 40.7752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

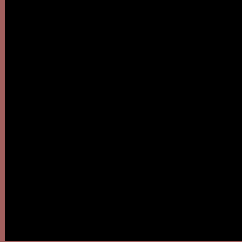
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.5060, -10.6025, 40.7752

Background



This preview shows how black text looks on a background with the YUV color 115.5060, -10.6025, 40.7752.

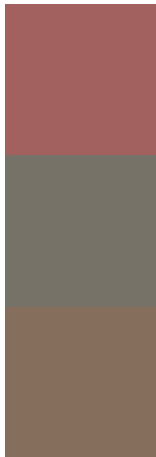


This preview shows how white text looks on a background with the YUV color 115.5060, -10.6025,

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

115.5060, -10.6025, 40.7752

Protanopia

114.2410, -5.5418, 4.1736

Deuteranopia

114.8250, -11.2527, 15.9395



Tritanopia

116.1300, -6.9661, 41.1050

Trichromacy



Original Color

115.5060, -10.6025, 40.7752

Protanomaly

114.5740, -7.1850, 17.9136

Deuteranomaly

115.2930, -10.9904, 25.1760

Tritanomaly

115.7880, -8.2765, 41.4049

Monochromacy



Original Color

115.5060, -10.6025, 40.7752

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0620, -3.9746, 14.8546

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5060, -10.6025, 40.7752 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(162, 96, 94)` looks like.

```
.text, #text, p{  
    color:rgb(162, 96, 94)  
}
```

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(162, 96, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 96, 94) }
```

Border

The CSS property to change the border of an element to YUV 115.5060, -10.6025, 40.7752 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(162, 96, 94) }
```


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

```
.border{ border-color:rgb(162, 96, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 96, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 96, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 96, 94);  
box-shadow:4px 4px 4px 4px rgb(162, 96,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 115.5060, -10.6025, 40.7752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 96, 94) }
```

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

```
.background{ background-color: rgb(162, 96,  
94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor