

Converting Colors

YUV(95.7770, -25.0331,
49.3076)

Have a look what the booklet for
YUV(95.7770, -25.0331, 49.3076)
contains.

| | |
|--|----|
| YUV(95.7770, -25.0331, 49.3076) | 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(95.7770, -25.0331,
49.3076)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 984D2D |
| RGB | 152, 77, 45 |
| RGB Percent | 60%, 30%, 18% |
| CMY | 0.4039, 0.6980, 0.8235 |
| CMYK | 0.00, 0.49, 0.70, 0.40 |
| HSL | 18°, 54%, 39% |
| HSV | 18°, 70%, 60% |
| XYZ | 16.0764, 12.1726, 3.9849 |
| YIQ | 95.7770, 54.9720, 5.9480 |

Conversions

Conversions Part 2

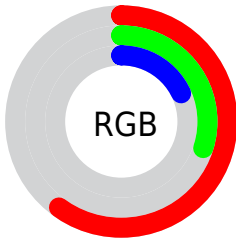
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 152, 91, 45 |
| Decimal | 9981229 |
| CIE Lab | 41.49, 28.72, 32.72 |
| CIE LCh | 41, 43.533, 48.725 |
| Yxy | 12.1726, 0.4987, 0.3776 |
| Android (android.graphics.Color) | 4288171309 (0xFF984D2D) |
| YUV | 95.7770, -25.0331, 49.3076 |
| Hunter-Lab | 34.8893, 21.1937, 17.6507 |

Details

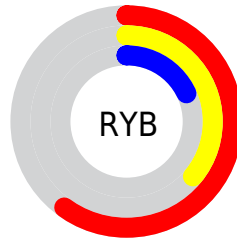
The YUV color **95.7770, -25.0331, 49.3076** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **101.2230, 25.0331, -49.3076**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1260, -27.6701, 55.1405**, and **46.3140, -22.8328, 43.5746** is the 20% darker color. If you saturate the color by 10%, you get **87.6100, -28.4017, 56.4700**, and if you desaturate by 10%, it is **103.9440, -21.6644, 42.1451**.

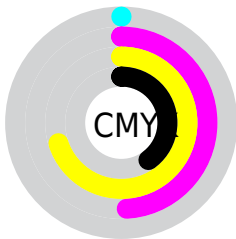
Distribution



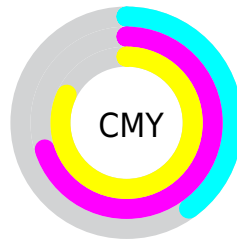
- Red (60%)
- Green (30%)
- Blue (18%)



- Red (60%)
- Yellow (36%)
- Blue (18%)



- Cyan (0%)
- Magenta (49%)
- Yellow (70%)
- Black (40%)





- Cyan (40%)
- Magenta (70%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.7770, -25.0331, 49.3076 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 95.7770, -25.0331, 49.3076 by changing the saturation by 10% instead.


 95.7770, -25.0331,
49.3076


 95.7770, -25.0331,
49.3076


255.0000, 0.0000,
0.0000

 70.8090, -23.5698,
46.6485


 148.1260,
-27.6701, 55.1405


 46.3140, -22.8328,
43.5746

 175.7950,
-28.9859, 57.1848


 23.2670, -11.4706,
39.2308

 198.7940,
-27.5064, 49.2927

 13.1560, -6.4859,
27.0502

 218.3080,
-23.8158, 32.1789

 0.0000, 0.0000,
0.0000

 237.8220,
-20.1252, 15.0651

 251.5800,

-13.1039, 2.9993

254.8860, -0.4368,
0.1000

■ 95.7770, -25.0331,
49.3076

■ 95.7770, -25.0331,
49.3076

■ 87.6100, -28.4017,
56.4700

■ 103.9440,
-21.6644, 42.1451

■ 80.0300, -32.0598,
63.1177

■ 111.5240,
-18.0063, 35.4975

■ 71.8630, -35.4285,
70.2801

■ 119.8050,
-14.2009, 28.2350

■ 127.9720,
-10.8322, 21.0726

■ 135.5520, -7.1741,
14.4249

■ 143.7190, -3.8055,
7.2624

■ 151.8860, -0.4368,
0.1000

■ 159.5800, 3.6581,
-6.6477

■ 167.7470, 7.0267,
-13.8101

Harmonies

Analogous

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



96.2570, -9.4937, 58.5336



95.7770, -25.0331, 49.3076



94.1970, -35.5931, 29.6452

Triad

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



95.7770, -25.0331, 49.3076



76.3800, 3.2637, -66.9853



95.9290, 34.5450, -20.1087

Complementary

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



95.7770, -25.0331, 49.3076



101.2230, 25.0331, -49.3076

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.



81.3740, 42.7066, -71.3650



95.7770, -25.0331, 49.3076



81.1850, 19.1358, -71.1992

Square

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



95.7770, -25.0331, 49.3076



85.5900, -18.5319, -29.4584



83.5450, 33.2553, -73.2690



101.1750, 21.6057, 23.5255

Rectangle

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



95.7770, -25.0331, 49.3076



92.2720, -36.1231, 12.9165



83.5450, 33.2553, -73.2690



89.6490, 39.1200, -40.9112

Sweetspot

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



95.7770, -25.0331, 49.3076



174.3030, -9.5164, 19.0283



85.7710, 17.8609, 58.0828



86.2850, -5.5635, 11.1511



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



95.7770, -25.0331, 49.3076



109.6850, -38.7917, 75.6983



126.3010, -40.0814, 22.5380



72.5660, -1.7580, 3.8886



66.5140, -32.7914, 64.4472



6.2350, -3.0739, 5.9329

Inverse Universe

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



101.2230, 25.0331, -49.3076



117.9020, 38.5023, -76.2131



70.6990, 40.0814, -22.5380



72.8470, 2.0474, -3.3738



73.4860, 32.7914, -64.4472



6.7650, 3.0739, -5.9329

Previews

White Background



This preview shows how the YUV color 95.7770, -25.0331, 49.3076 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 95.7770, -25.0331, 49.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

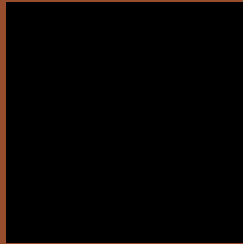
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.7770, -25.0331, 49.3076

Background



This preview shows how black text looks on a background with the YUV color 95.7770, -25.0331, 49.3076.



This preview shows how white text looks on a background with the YUV color 95.7770, -25.0331,

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

95.7770, -25.0331, 49.3076

Protanopia

96.6320, -22.0036, 10.8467

Deuteranopia

96.3300, -27.2777, 22.5126



Tritanopia

97.7890, -9.7560, 49.2970

Trichromacy



Original Color

95.7770, -25.0331, 49.3076

Protanomaly

96.3780, -23.3574, 25.1015

Deuteranomaly

96.2110, -26.7260, 32.2640

Tritanomaly

96.7090, -15.1395, 49.3672

Monochromacy



Original Color

95.7770, -25.0331, 49.3076

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7050, -9.2216, 17.7987

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7770, -25.0331, 49.3076 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(152, 77, 45)` looks like.

```
.text, #text, p{  
    color:rgb(152, 77, 45)  
}
```

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(152, 77, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 77, 45) }
```

Border

The CSS property to change the border of an element to YUV 95.7770, -25.0331, 49.3076 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(152, 77, 45) }
```


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

```
.border{ border-color:rgb(152, 77, 45) }
```

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

Here you see how a box with a 4 pixel rgb(152, 77, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 77, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 77, 45);  
box-shadow:4px 4px 4px 4px rgb(152, 77,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 95.7770, -25.0331, 49.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 77, 45) }
```

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

```
.background{ background-color: rgb(152, 77,  
45) }
```

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