

Converting Colors

YUV(96.1750, -25.7223, -9.8005)

Have a look what the booklet for
YUV(96.1750, -25.7223, -9.8005)
contains.

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Color

**YUV(96.1750, -25.7223,
-9.8005)**

Conversions

Conversions Part 1

Format	Color
Hex	55702C
RGB	85, 112, 44
RGB Percent	33%, 44%, 17%
CMY	0.6667, 0.5608, 0.8275
CMYK	0.24, 0.00, 0.61, 0.56
HSL	84°, 44%, 31%
HSV	84°, 61%, 44%
XYZ	9.9951, 13.7015, 4.5007
YIQ	96.1750, 5.7360, -26.8720

Conversions

Conversions Part 2

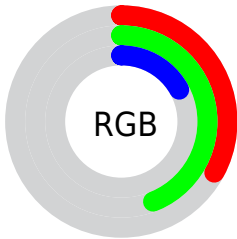
Format	Color
RYB	44, 112, 71
Decimal	5599276
CIELab	43.80, -21.76, 33.95
CIELCh	44, 40.330, 122.656
Yxy	13.7015, 0.3545, 0.4859
Android (android.graphics.Color)	4283789356 (0xFF55702C)
YUV	96.1750, -25.7223, -9.8005
Hunter-Lab	37.0155, -16.5777, 18.7018

Details

The YUV color **96.1750, -25.7223, -9.8005** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **59.8250, 25.7223, 9.8005**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7190, -27.4695, -9.4006**, and **48.6310, -23.9751, -10.2004** is the 20% darker color. If you saturate the color by 10%, you get **93.7250, -29.9374, -11.1598**, and if you desaturate by 10%, it is **98.6250, -21.5071, -8.4411**.

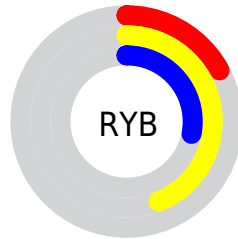
Distribution



Red (33%)

Green (44%)

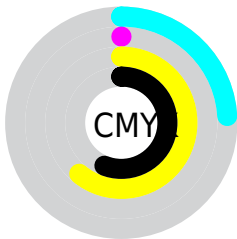
Blue (17%)



Red (17%)

Yellow (44%)

Blue (28%)

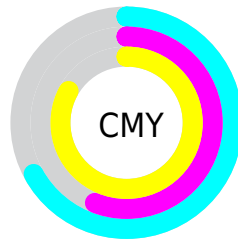


Cyan (24%)

Magenta (0%)

Yellow (61%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.1750, -25.7223, -9.8005 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 96.1750, -25.7223, -9.8005 by changing the saturation by 10% instead.

96.1750, -25.7223,
-9.8005

96.1750, -25.7223,
-9.8005

255.0000, 0.0000,
0.0000

71.2890, -25.2855,
-9.9005

147.7190,
-27.4695, -9.4006

48.6310, -23.9751,
-10.2004

174.3060,
-27.7589, -9.9154

28.5410, -14.0707,
-13.6295

202.0780,
-28.6325, -9.7154

12.9140, -6.3666,
-11.3256

229.9640,
-29.0693, -9.6154

0.0000, 0.0000,
0.0000

246.4090,
-23.8656, 1.3953

251.6940,

-12.6671, 2.8994

■ 96.1750, -25.7223,
-9.8005

■ 96.1750, -25.7223,
-9.8005

■ 93.7250, -29.9374,
-11.1598

■ 98.6250, -21.5071,
-8.4411

■ 90.9760, -34.0052,
-13.1340

■ 101.3740,
-17.4394, -6.4670

■ 88.4120, -38.6571,
-14.3933

■ 103.9380,
-12.7874, -5.2076

■ 86.0760, -42.4355,
-15.8527

■ 106.6870, -8.7197,
-3.2335

■ 109.1370, -4.5045,
-1.8741

■ 111.8860, -0.4368,
0.1000

■ 114.3360, 3.7784,
1.4593

■ 117.1990, 8.2829,
3.3335

■ 119.6490, 12.4980,
4.6928

Harmonies

Analogous

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



99.6900, -33.3712, 16.9349



96.1750, -25.7223, -9.8005



88.1240, -8.4421, -45.7127

Triad

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



96.1750, -25.7223, -9.8005



85.9730, 37.4813, -75.3983



104.1020, -1.0363, 52.5305

Complementary

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



96.1750, -25.7223, -9.8005



59.8250, 25.7223, 9.8005

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.



106.3030, 14.1476, 35.6913



96.1750, -25.7223, -9.8005



93.2630, 37.8313, -47.5887

Square

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



96.1750, -25.7223, -9.8005



85.6990, 26.2774, -75.1580



105.4220, 26.9070, 3.1379



102.3890, -16.4608, 53.1558

Rectangle

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



96.1750, -25.7223, -9.8005



81.1560, 6.3321, -71.1738



105.4220, 26.9070, 3.1379



104.7470, 4.0687, 48.4569

Sweetspot

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



96.1750, -25.7223, -9.8005



139.0460, -9.8827, -3.5483



79.5940, -17.5478, 28.4201



70.0830, -5.9569, -2.7038



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



96.1750, -25.7223, -9.8005



120.3580, -40.1095, -15.2230



86.3080, -20.8578, -30.0881



54.7180, -2.3260, -0.6297



91.9680, -45.3402, -17.5119



189.5400, -93.4432, -35.5536

Inverse Universe

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



59.8250, 25.7223, 9.8005



63.6420, 40.1095, 15.2230



69.6920, 20.8578, 30.0881



51.5810, 2.1786, 1.2445



28.0320, 45.3402, 17.5119



57.4600, 93.4432, 35.5536

Previews

White Background



This preview shows how the YUV color 96.1750, -25.7223, -9.8005 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 96.1750, -25.7223, -9.8005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

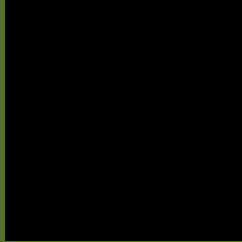
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.1750, -25.7223, -9.8005

Background



This preview shows how black text looks on a background with the YUV color 96.1750, -25.7223, -9.8005.



This preview shows how white text looks on a background with the YUV color 96.1750, -25.7223, -9.8005.

-9.8005.

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

96.1750, -25.7223, -9.8005

Protanopia

99.5200, -28.8504, 13.5760

Deuteranopia

101.2700, -26.2621, 23.4422



Tritanopia

102.6230, 5.1159, -7.5624

Trichromacy



Original Color

96.1750, -25.7223, -9.8005

Protanomaly

98.1060, -27.6603, 5.1690

Deuteranomaly

99.3070, -25.7874, 11.1318

Tritanomaly

100.6370, -6.2300, -8.4516

Monochromacy



Original Color

96.1750, -25.7223, -9.8005

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1600, -9.4459, -3.6483

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.1750, -25.7223, -9.8005 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(85, 112, 44)` looks like.

```
.text, #text, p{  
    color:rgb(85, 112, 44)  
}
```

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(85, 112, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 112, 44) }
```

Border

The CSS property to change the border of an element to YUV 96.1750, -25.7223, -9.8005 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(85, 112, 44) }
```


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

```
.border{ border-color:rgb(85, 112, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 112, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 112, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 112, 44);  
box-shadow:4px 4px 4px 4px rgb(85, 112,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 96.1750, -25.7223, -9.8005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 112, 44) }
```

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

```
.background{ background-color: rgb(85, 112,  
44) }
```

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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