

Converting Colors

YUV(77.7310, -25.5034,
13.3909)

Have a look what the booklet for
YUV(77.7310, -25.5034, 13.3909)
contains.

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Color

**YUV(77.7310, -25.5034,
13.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	5D501A
RGB	93, 80, 26
RGB Percent	36%, 31%, 10%
CMY	0.6353, 0.6863, 0.8980
CMYK	0.00, 0.14, 0.72, 0.64
HSL	48°, 56%, 23%
HSV	48°, 72%, 36%
XYZ	7.5693, 8.1391, 2.1493
YIQ	77.7310, 25.0820, -14.0380

Conversions

Conversions Part 2

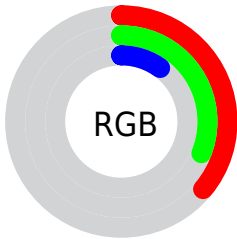
Format	Color
R_{YB}	42, 93, 26
Decimal	6115354
CIE Lab	34.27, -1.57, 32.62
CIE LCh	34, 32.660, 92.750
Yxy	8.1391, 0.4239, 0.4558
Android (android.graphics.Color)	4284305434 (0xFF5D501A)
YUV	77.7310, -25.5034, 13.3909
Hunter-Lab	28.5290, -2.5662, 15.5035




Details

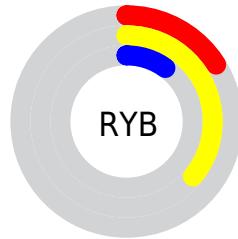
The YUV color **77.7310, -25.5034, 13.3909** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **41.2690, 25.5034, -13.3909**, and the grayscale version is **78.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **127.6990, -26.9666, 16.0500**, and **34.2880, -16.9040, 8.5174** is the 20% darker color. If you saturate the color by 10%, you get **75.5310, -28.8558, 15.3203**, and if you desaturate by 10%, it is **79.9310, -22.1510, 11.4615**.

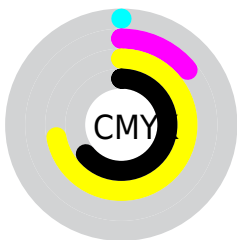
Distribution







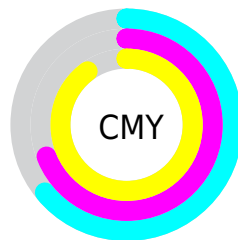
-  Red (36%)
-  Green (31%)
-  Blue (10%)






-  Red (16%)
-  Yellow (36%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (14%)
-  Yellow (72%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (69%)
-  Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.7310, -25.5034, 13.3909 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 77.7310, -25.5034, 13.3909 by changing the saturation by 10% instead.

■ 77.7310, -25.5034,
13.3909

■ 77.7310, -25.5034,
13.3909

■ 255.0000, 0.0000,
0.0000

■ 53.9050, -26.0822,
12.3613

■ 127.6990,
-26.9666, 16.0500

■ 34.2880, -16.9040,
8.5174

■ 153.7700,
-27.9876, 16.8647

■ 14.1870, -6.9942,
3.3440

■ 180.8410,
-29.0086, 17.6794

■ 0.0000, 0.0000,
0.0000

■ 208.4390,
-29.3034, 18.9090

■ 235.4280,
-29.2980, 17.1646

■ 249.0720,

-22.7135, 5.1989

252.3780,
-10.0464, 2.2995

77.7310, -25.5034,
13.3909

77.7310, -25.5034,
13.3909

75.5310, -28.8558,
15.3203

79.9310, -22.1510,
11.4615

73.2170, -32.6450,
17.3497

82.2450, -18.3618,
9.4321

71.8320, -35.4132,
18.5643

83.8580, -14.7200,
8.0175

86.0580, -11.3676,
6.0881

88.3720, -7.5784,
4.0588

■ 90.5720, -4.2260,
2.1294

■ 92.7720, -0.8736,
0.2000

■ 94.3850, 2.7682,
-1.2146

■ 96.6990, 6.5574,
-3.2440

Harmonies

Analogous

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



79.6390, -22.5000, 30.1346



77.7310, -25.5034, 13.3909



74.7930, -19.6179, -7.7115

Triad

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



77.7310, -25.5034, 13.3909



66.9030, 20.2608, -58.6739



83.0370, 10.8278, 27.1546

Complementary

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



77.7310, -25.5034, 13.3909



41.2690, 25.5034, -13.3909

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.



82.4020, 20.5078, 2.2784



77.7310, -25.5034, 13.3909



66.6070, 29.2807, -58.4143

Square

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



77.7310, -25.5034, 13.3909



63.9390, 8.9041, -56.0745



73.9350, 28.6260, -35.0230



81.3240, -1.1457, 40.9349

Rectangle

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



77.7310, -25.5034, 13.3909



71.4580, -11.5648, -24.0807



73.9350, 28.6260, -35.0230



83.2040, 14.1964, 19.9921

Sweetspot

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



77.7310, -25.5034, 13.3909



113.9870, -10.3466, 5.2734



47.5150, -4.1979, 39.8903



57.4150, -6.1206, 3.1440



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



77.7310, -25.5034, 13.3909



96.5180, -39.2024, 20.5937



79.3820, -26.3173, -5.5970



44.8430, -1.8946, 1.0147



84.5460, -41.6812, 22.3232



182.9800, -90.2091, 47.3755

Inverse Universe

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



41.2690, 25.5034, -13.3909



40.4820, 39.2024, -20.5937



39.6180, 26.3173, 5.5970



42.1570, 1.8946, -1.0147



24.8670, 41.9706, -21.8084



54.0200, 90.2091, -47.3755

Previews

White Background



This preview shows how the YUV color 77.7310, -25.5034, 13.3909 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 ✓ Pass

Black Background



This preview shows how the YUV color 77.7310, -25.5034, 13.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

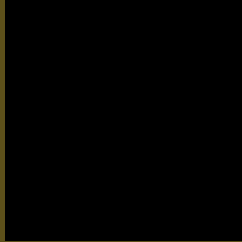
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.7310, -25.5034, 13.3909

Background



This preview shows how black text looks on a background with the YUV color 77.7310, -25.5034, 13.3909.



This preview shows how white text looks on a background with the YUV color 77.7310, -25.5034,

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

77.7310, -25.5034, 13.3909

Protanopia

77.4210, -25.3506, 11.0318

Deuteranopia

78.4760, -25.3777, 19.7535



Tritanopia

82.2620, -0.6222, 12.9252

Trichromacy



Original Color

77.7310, -25.5034, 13.3909

Protanomaly

77.7200, -25.4980, 11.6466

Deuteranomaly

78.1660, -25.2248, 17.3944

Tritanomaly

80.8570, -9.7895, 13.2804

Monochromacy



Original Color

77.7310, -25.5034, 13.3909

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9160, -9.3256, 4.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.7310, -25.5034, 13.3909 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(93, 80, 26)` looks like.

```
.text, #text, p{  
    color:rgb(93, 80, 26)  
}
```

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(93, 80, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 80, 26) }
```

Border

The CSS property to change the border of an element to YUV 77.7310, -25.5034, 13.3909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

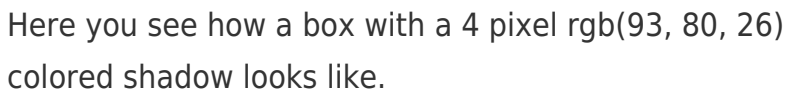
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 80, 26) }
```


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

```
.border{ border-color:rgb(93, 80, 26) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 80, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 80, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 80, 26);  
box-shadow:4px 4px 4px 4px rgb(93, 80, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.7310, -25.5034, 13.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 80, 26) }
```

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

```
.background{ background-color: rgb(93, 80,  
26) }
```

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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