

Converting Colors

YUV(77.1710, -9.4513, -1.9040)

Have a look what the booklet for
YUV(77.1710, -9.4513, -1.9040)
contains.

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Color

**YUV(77.1710, -9.4513,
-1.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	4B523A
RGB	75, 82, 58
RGB Percent	29%, 32%, 23%
CMY	0.7059, 0.6784, 0.7725
CMYK	0.09, 0.00, 0.29, 0.68
HSL	78°, 17%, 27%
HSV	78°, 29%, 32%
XYZ	6.6827, 7.8359, 5.1633
YIQ	77.1710, 3.5320, -8.9480

Conversions

Conversions Part 2

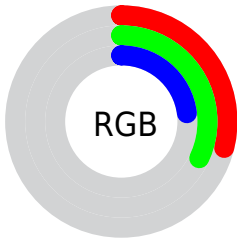
Format	Color
R_{YB}	58, 82, 65
Decimal	4936250
CIE Lab	33.64, -7.59, 13.19
CIE LCh	34, 15.222, 119.923
Yxy	7.8359, 0.3395, 0.3981
Android (android.graphics.Color)	4283126330 (0xFF4B523A)
YUV	77.1710, -9.4513, -1.9040
Hunter-Lab	27.9927, -6.3742, 8.6589

Details

The YUV color **77.1710, -9.4513, -1.9040** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62.8290, 9.4513, 1.9040**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.9430, -10.3249, -1.7040**, and **32.6980, -8.7251, -1.4891** is the 20% darker color. If you saturate the color by 10%, you get **75.6610, -12.6509, -2.3337**, and if you desaturate by 10%, it is **78.6810, -6.2517, -1.4742**.

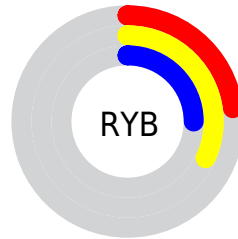
Distribution



 Red (29%)

 Green (32%)

 Blue (23%)



 Red (23%)

 Yellow (32%)

 Blue (25%)

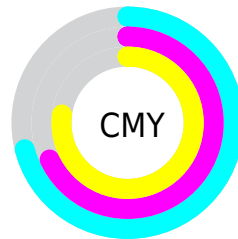


 Cyan (9%)

 Magenta (0%)

 Yellow (29%)

 Black (68%)



 Cyan (71%)

 Magenta (68%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1710, -9.4513, -1.9040 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 77.1710, -9.4513, -1.9040 by changing the saturation by 10% instead.

■ 77.1710, -9.4513,
-1.9040

■ 77.1710, -9.4513,
-1.9040

■ 255.0000, 0.0000,
0.0000

■ 54.2850, -9.0145,
-2.0039

■ 125.9430,
-10.3249, -1.7040

■ 32.6980, -8.7251,
-1.4891

■ 151.8290,
-10.7617, -1.6040

■ 10.2780, -5.0671,
-8.1368

■ 178.8290,
-10.7617, -1.6040

■ 0.0000, 0.0000,
0.0000

■ 206.4160,
-11.0511, -2.1188

■ 234.3020,
-11.4879, -2.0189

■ 253.2900, -6.5520,

1.4997

■ 77.1710, -9.4513,
-1.9040

■ 77.1710, -9.4513,
-1.9040

■ 75.6610, -12.6509,
-2.3337

■ 78.6810, -6.2517,
-1.4742

■ 73.8520, -15.7030,
-3.3782

■ 80.4900, -3.1996,
-0.4297

■ 72.2280, -19.3394,
-3.7080

■ 82.1140, 0.4368,
-0.1000

■ 70.4190, -22.3916,
-4.7525

■ 83.9230, 3.4890,
0.9445

■ 68.9090, -25.5911,
-5.1822

■ 85.4330, 6.6885,
1.3743

■ 67.3990, -28.7907,
-5.6119

■ 86.9430, 9.8881,
1.8040

■ 65.5900, -31.8429,
-6.6564

■ 88.7520, 12.9403,
2.8485

■ 65.4760, -32.2797,
-6.5565

■ 90.3760, 16.5766,
3.1782

■ 92.1850, 19.6288,
4.2228

Harmonies

Analogous

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



78.3680, -11.5204, 8.4473



77.1710, -9.4513, -1.9040



75.7720, -4.3246, -12.9550

Triad

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



77.1710, -9.4513, -1.9040



75.3590, 12.1480, -23.1168



80.7080, -0.3490, 18.6731

Complementary

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



77.1710, -9.4513, -1.9040



62.8290, 9.4513, 1.9040

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.



81.0430, 4.9088, 12.2403



77.1710, -9.4513, -1.9040



77.8380, 12.4049, -12.1359

Square

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



77.1710, -9.4513, -1.9040



73.1260, 8.8119, -26.4205



80.2310, 9.7461, 0.6744



80.2260, -6.0274, 19.9728

Rectangle

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



77.1710, -9.4513, -1.9040



74.4660, -0.2297, -19.7027



80.2310, 9.7461, 0.6744



81.1530, 1.4036, 16.5288

Sweetspot

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



77.1710, -9.4513, -1.9040



104.9630, -3.9258, -0.8446



69.2850, -5.5635, 11.1511



52.7180, -2.3260, -0.6297



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



77.1710, -9.4513, -1.9040



99.4930, -14.5400, -3.0634



73.5830, -7.6824, -9.2813



40.2450, -1.5998, -0.2149



83.7610, -41.2942, -8.5604



185.2200, -91.3135, -18.6099

Inverse Universe

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



62.8290, 9.4513, 1.9040



77.5070, 14.5400, 3.0634



66.4170, 7.6824, 9.2813



37.7550, 1.5998, 0.2149



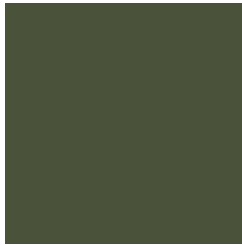
20.9400, 41.4416, 7.9456



46.7800, 91.3135, 18.6099

Previews

White Background



This preview shows how the YUV color 77.1710, -9.4513, -1.9040 looks on a white background.

Color Contrast Check

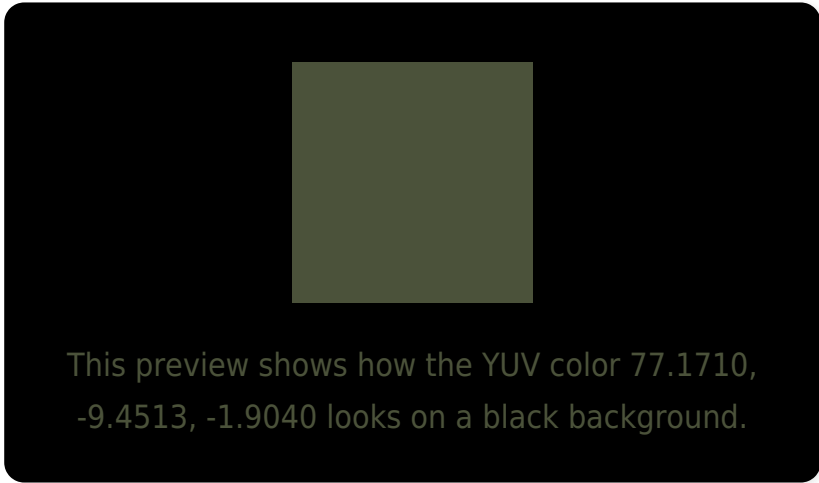
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

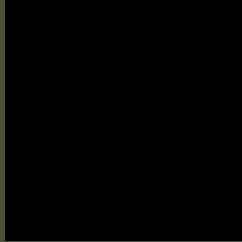
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1710, -9.4513, -1.9040

Background



This preview shows how black text looks on a background with the YUV color 77.1710, -9.4513, -1.9040.



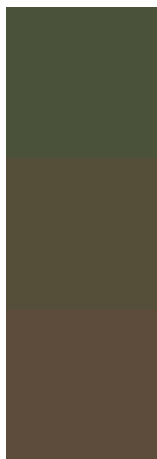
This preview shows how white text looks on a background with the YUV color 77.1710, -9.4513,

-1.9040.

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

77.1710, -9.4513, -1.9040

Protanopia

78.2860, -10.4940, 5.8882

Deuteranopia

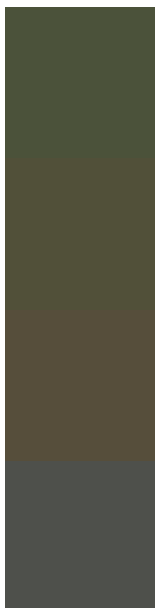
79.1450, -9.9315, 12.1508



Tritanopia

79.6840, 2.6208, -0.5999

Trichromacy



Original Color

77.1710, -9.4513, -1.9040

Protanomaly

77.6770, -10.1938, 2.9143

Deuteranomaly

78.2260, -9.4784, 6.8178

Tritanomaly

78.8320, -1.8892, -0.7297

Monochromacy



Original Color

77.1710, -9.4513, -1.9040

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0770, -3.4890, -0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1710, -9.4513, -1.9040 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(75, 82, 58)` looks like.

```
.text, #text, p{  
    color:rgb(75, 82, 58)  
}
```

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(75, 82, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 82, 58) }
```

Border

The CSS property to change the border of an element to YUV 77.1710, -9.4513, -1.9040 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(75, 82, 58) }
```


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

```
.border{ border-color:rgb(75, 82, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 82, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 82, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 82, 58);  
box-shadow:4px 4px 4px 4px rgb(75, 82, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.1710, -9.4513, -1.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 82, 58) }
```

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

```
.background{ background-color: rgb(75, 82,  
58) }
```

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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