

Converting Colors

YUV(40.5160, -12.5794,
21.4725)

Have a look what the booklet for
YUV(40.5160, -12.5794, 21.4725)
contains.

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Color

**YUV(40.5160, -12.5794,
21.4725)**

Conversions

Conversions Part 1

Format	Color
Hex	41210F
RGB	65, 33, 15
RGB Percent	25%, 13%, 6%
CMY	0.7451, 0.8706, 0.9412
CMYK	0.00, 0.49, 0.77, 0.75
HSL	22°, 62%, 16%
HSV	22°, 77%, 25%
XYZ	2.8101, 2.2460, 0.7374
YIQ	40.5160, 24.8500, 1.1860

Conversions

Conversions Part 2

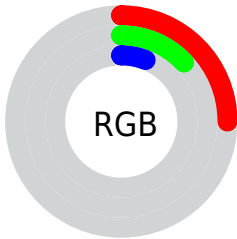
Format	Color
RYB	65, 43, 15
Decimal	4268303
CIELab	16.73, 13.53, 18.30
CIElCh	17, 22.758, 53.507
Yxy	2.2460, 0.4850, 0.3877
Android (android.graphics.Color)	4282458383 (0xFF41210F)
YUV	40.5160, -12.5794, 21.4725
Hunter-Lab	14.9867, 7.2425, 7.5736

Details

The YUV color **40.5160, -12.5794, 21.4725** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **39.4840, 12.5794, -21.4725**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.0820, -14.3374, 25.3611**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.3700, -14.4794, 24.2315**, and if you desaturate by 10%, it is **43.6620, -10.6794, 18.7134**.

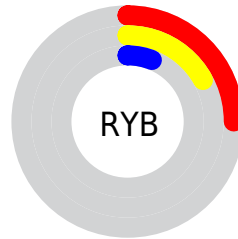
Distribution



 Red (25%)

 Green (13%)

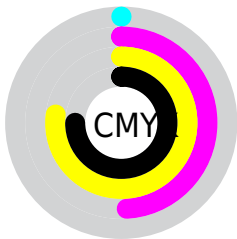
 Blue (6%)



 Red (25%)

 Yellow (17%)

 Blue (6%)

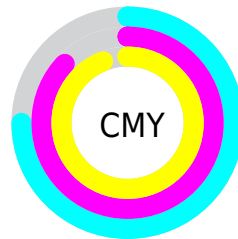


 Cyan (0%)

 Magenta (49%)

 Yellow (77%)

 Black (75%)



 Cyan (75%)

 Magenta (87%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.5160, -12.5794, 21.4725 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 40.5160, -12.5794, 21.4725 by changing the saturation by 10% instead.

■ 40.5160, -12.5794,
21.4725

■ 40.5160, -12.5794,
21.4725

■ 253.1760, -6.9888,
1.5996

■ 19.6020, -9.6638,
19.6430

■ 87.0820, -14.3374,
25.3611

■ 0.0000, 0.0000,
0.0000

■ 111.5660,
-15.0690, 26.6906

■ 137.3490,
-15.9481, 28.6349

■ 163.5340,
-16.5323, 29.3497

■ 191.0180,
-17.2639, 30.6792

■ 218.6160,

-17.5587, 31.9088

■ 238.2440,
-13.4313, 14.6950

■ 40.5160, -12.5794,
21.4725

■ 40.5160, -12.5794,
21.4725

■ 37.3700, -14.4794,
24.2315

■ 43.6620, -10.6794,
18.7134

■ 34.3380, -15.9426,
26.8906

■ 46.6940, -9.2161,
16.0544

■ 32.9360, -16.2374,
28.1201

■ 49.8400, -7.3161,
13.2953

■ 53.4590, -6.1423,
10.1215

■ 56.6050, -4.2423,
7.3624

■ 59.6370, -2.7790,
4.7034

■ 62.7830, -0.8790,
1.9443

■ 65.8150, 0.5842,
-0.7148

■ 68.9610, 2.4842,
-3.4738

Harmonies

Analogous

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



40.9710, -5.9017, 26.3354



40.5160, -12.5794, 21.4725



39.4950, -17.4990, 12.7209

Triad

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



40.5160, -12.5794, 21.4725



32.9810, 1.9814, -28.9243



41.1640, 14.7091, -4.5288

Complementary

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



40.5160, -12.5794, 21.4725



39.4840, 12.5794, -21.4725

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.



34.2640, 19.5898, -30.0495



40.5160, -12.5794, 21.4725



34.9190, 9.4069, -30.6240

Square

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



40.5160, -12.5794, 21.4725



35.0660, -6.9345, -15.8439



35.8140, 15.3747, -31.4089



43.0800, 8.8346, 13.0848

Rectangle

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



40.5160, -12.5794, 21.4725



38.9670, -16.7457, 4.4139



35.8140, 15.3747, -31.4089



39.8640, 16.3360, -13.0357

Sweetspot

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



40.5160, -12.5794, 21.4725



74.7900, -4.8265, 8.0772



33.5980, 6.6072, 27.5396



37.5230, -3.2158, 4.8033



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



40.5160, -12.5794, 21.4725



46.4590, -19.4533, 32.9235



54.6040, -19.5248, 9.1173



31.4840, -0.7316, 1.3295



49.5480, -24.4272, 41.6154



114.5230, -56.4598, 96.0113

Inverse Universe

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



39.4840, 12.5794, -21.4725



44.5410, 19.4533, -32.9235



24.8090, 19.8142, -8.6025



31.5160, 0.7316, -1.3295



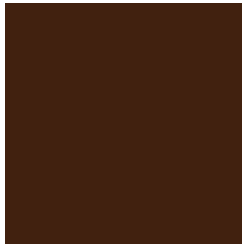
47.4520, 24.4272, -41.6154



110.0640, 56.1704, -96.5261

Previews

White Background



This preview shows how the YUV color 40.5160, -12.5794, 21.4725 looks on a white background.

Color Contrast Check

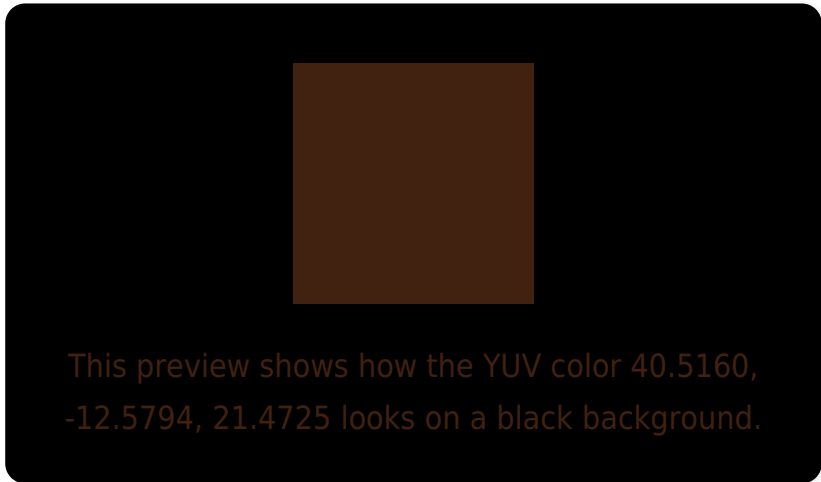
Large Text (above 18pt) WCAG AA ✓ Pass

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

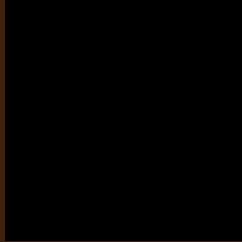
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.5160, -12.5794, 21.4725

Background



This preview shows how black text looks on a background with the YUV color 40.5160, -12.5794, 21.4725.



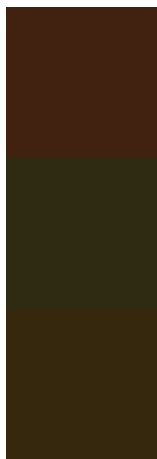
This preview shows how white text looks on a background with the YUV color 40.5160, -12.5794,

21.4725.

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

40.5160, -12.5794, 21.4725

Protanopia

40.7590, -11.2202, 5.4734

Deuteranopia

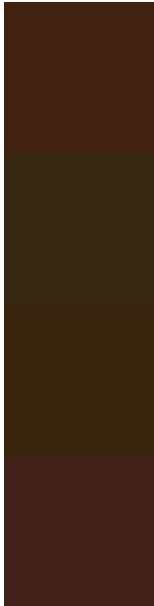
40.8090, -13.7098, 10.6915



Tritanopia

41.6930, -4.2856, 21.3172

Trichromacy



Original Color

40.5160, -12.5794, 21.4725

Protanomaly

40.9770, -11.8207, 11.4212

Deuteranomaly

40.3580, -12.9945, 14.5950

Tritanomaly

41.4820, -7.6326, 21.5023

Monochromacy



Original Color

40.5160, -12.5794, 21.4725

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.9040, -4.3897, 7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.5160, -12.5794, 21.4725 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(65, 33, 15)` looks like.

```
.text, #text, p{  
    color:rgb(65, 33, 15)  
}
```

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(65, 33, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 33, 15) }
```

Border

The CSS property to change the border of an element to YUV 40.5160, -12.5794, 21.4725 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(65, 33, 15) }
```


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

```
.border{ border-color:rgb(65, 33, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 33, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 33, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 33, 15);  
box-shadow:4px 4px 4px 4px rgb(65, 33, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.5160, -12.5794, 21.4725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 33, 15) }
```

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

```
.background{ background-color: rgb(65, 33,  
15) }
```

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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