

Converting Colors

YUV(41.0410, -15.3032,
55.2150)

Have a look what the booklet for
YUV(41.0410, -15.3032, 55.2150)
contains.

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Color

**YUV(41.0410, -15.3032,
55.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	680F0A
RGB	104, 15, 10
RGB Percent	41%, 6%, 4%
CMY	0.5922, 0.9412, 0.9608
CMYK	0.00, 0.86, 0.90, 0.59
HSL	3°, 82%, 22%
HSV	3°, 90%, 41%
XYZ	5.9345, 3.3066, 0.6126
YIQ	41.0410, 54.6490, 17.3130

Conversions

Conversions Part 2

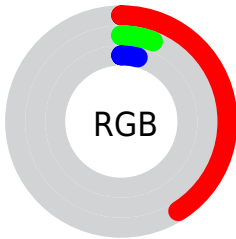
Format	Color
RYB	104, 15, 10
Decimal	6819594
CIELab	21.23, 37.88, 27.84
CIElCh	21, 47.009, 36.322
Yxy	3.3066, 0.6023, 0.3356
Android (android.graphics.Color)	4285009674 (0xFF680F0A)
YUV	41.0410, -15.3032, 55.2150
Hunter-Lab	18.1841, 26.4327, 10.7314

Details

The YUV color **41.0410, -15.3032, 55.2150** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **72.9590, 15.3032, -55.2150**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.5100, -19.9714, 59.1887**, and **15.3630, -7.0810, 31.2536** is the 20% darker color. If you saturate the color by 10%, you get **34.6180, -17.0667, 60.8480**, and if you desaturate by 10%, it is **48.0510, -13.8291, 49.0673**.

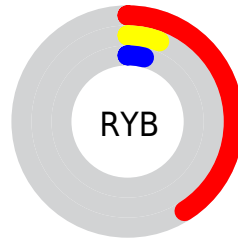
Distribution



Red (41%)

Green (6%)

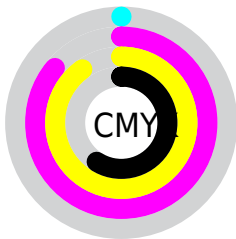
Blue (4%)



Red (41%)

Yellow (6%)

Blue (4%)

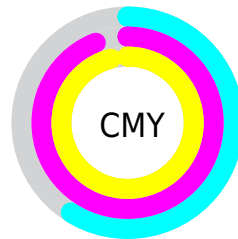


Cyan (0%)

Magenta (86%)

Yellow (90%)

Black (59%)



Cyan (59%)

Magenta (94%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.0410, -15.3032, 55.2150 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 41.0410, -15.3032, 55.2150 by changing the saturation by 10% instead.

■ 41.0410, -15.3032,
55.2150

■ 41.0410, -15.3032,
55.2150

■ 252.7200, -8.7360,
1.9996

■ 22.7240, -11.2029,
46.7231

■ 94.5100, -19.9714,
59.1887

■ 15.3630, -7.0810,
31.2536

■ 120.4780,
-21.4347, 61.8478

■ 0.0000, 0.0000,
0.0000


■ 147.4460,
-22.8979, 64.5069


■ 175.1150,
-24.2137, 66.5511


■ 195.1240,
-21.2601, 52.5113


■ 214.6380,


-17.5695, 35.3975


 234.1520,
-13.8789, 18.2837


 41.0410, -15.3032,
55.2150


 41.0410, -15.3032,
55.2150


 34.6180, -17.0667,
60.8480

 48.0510, -13.8291,
49.0673

 55.1750, -11.9183,
42.8195

 62.1850, -10.4442,
36.6718

 68.7220, -8.2439,
30.9388

 75.7320, -6.7699,
24.7910

■ 82.7420, -5.2958,
18.6433

■ 89.8660, -3.3849,
12.3955

■ 96.8760, -1.9109,
6.2477

■ 104.0000, 0.0000,
0.0000

Harmonies

Analogous

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



38.0200, 3.4411, 63.1265



41.0410, -15.3032, 55.2150



47.7210, -23.5265, 32.6937

Triad

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



41.0410, -15.3032, 55.2150



39.9620, -9.3483, -35.0467



44.9050, 37.5148, -39.3817

Complementary

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



41.0410, -15.3032, 55.2150



72.9590, 15.3032, -55.2150

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.



49.5040, 32.2895, -43.4150



41.0410, -15.3032, 55.2150



44.7670, 6.5239, -39.2607

Square

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



41.0410, -15.3032, 55.2150



40.9010, -20.1642, -19.2072



48.6430, 21.3750, -42.6599



51.0740, 28.0645, 5.1971

Rectangle

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



41.0410, -15.3032, 55.2150



48.2090, -23.7670, 16.4797



48.6430, 21.3750, -42.6599



47.2530, 36.3573, -41.4409

Sweetspot

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



41.0410, -15.3032, 55.2150



110.9380, -5.8854, 21.1024



48.2520, 25.0188, 48.8910



54.1650, -3.5323, 13.0103



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



41.0410, -15.3032, 55.2150



44.4740, -21.9257, 79.3913



68.6300, -28.9046, 31.0195



47.4950, -0.7370, 3.0739



37.9070, -18.6882, 67.6106



79.9890, -39.4346, 142.0836

Inverse Universe

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



72.9590, 15.3032, -55.2150



90.5260, 21.9257, -79.3913



45.3700, 28.9046, -31.0195



49.5050, 0.7370, -3.0739



77.0930, 18.6882, -67.6106



162.0110, 39.4346, -142.0836

Previews

White Background



This preview shows how the YUV color 41.0410, -15.3032, 55.2150 looks on a white background.

Color Contrast Check

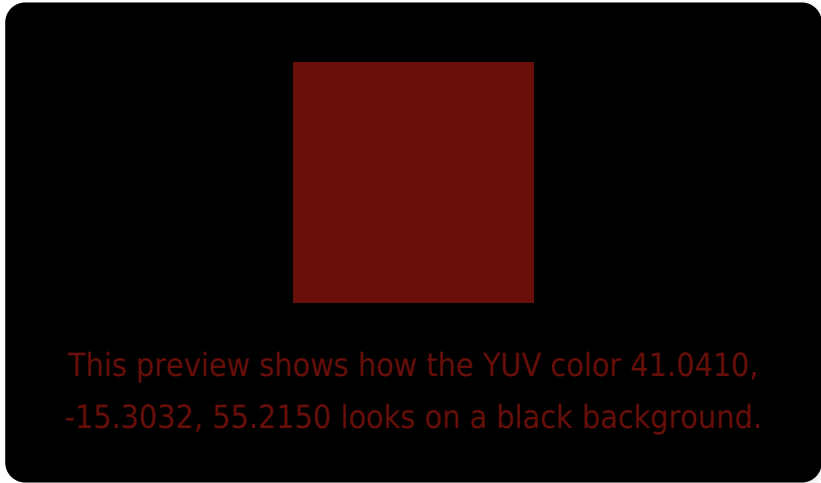
Large Text (above 18pt) WCAG AA ✓ Pass

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

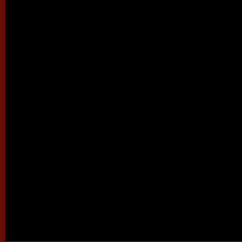
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.0410, -15.3032, 55.2150

Background



This preview shows how black text looks on a background with the YUV color 41.0410, -15.3032, 55.2150.



This preview shows how white text looks on a background with the YUV color 41.0410, -15.3032,

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

41.0410, -15.3032, 55.2150

Protanopia

51.6900, -16.6092, 7.2879

Deuteranopia

50.2690, -24.7826, 15.5501



Tritanopia

41.3830, -13.9928, 54.9151

Trichromacy



Original Color

41.0410, -15.3032, 55.2150

Protanomaly

47.9140, -16.2266, 24.6314

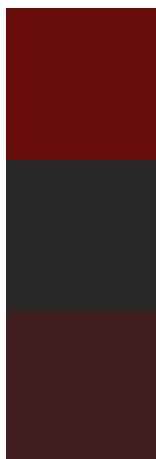
Deuteranomaly

46.9810, -21.1896, 29.8347

Tritanomaly

41.2690, -14.4296, 55.0151

Monochromacy



Original Color

41.0410, -15.3032, 55.2150

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.3400, -5.5906, 19.8728

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.0410, -15.3032, 55.2150 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(104, 15, 10)` looks like.

```
.text, #text, p{  
    color:rgb(104, 15, 10)  
}
```

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(104, 15, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 15, 10) }
```

Border

The CSS property to change the border of an element to YUV 41.0410, -15.3032, 55.2150 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(104, 15, 10) }
```


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

```
.border{ border-color:rgb(104, 15, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 15, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 15, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 15, 10);  
box-shadow:4px 4px 4px 4px rgb(104, 15,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 41.0410, -15.3032, 55.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 15, 10) }
```

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

```
.background{ background-color: rgb(104, 15,  
10) }
```

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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