

Converting Colors

YUV(41.9640, -15.2653,
43.0046)

Have a look what the booklet for
YUV(41.9640, -15.2653, 43.0046)
contains.

YUV(41.9640, -15.2653, 43.0046)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(41.9640, -15.2653,
43.0046)**

Conversions

Conversions Part 1

Format	Color
Hex	5B170B
RGB	91, 23, 11
RGB Percent	36%, 9%, 4%
CMY	0.6431, 0.9098, 0.9569
CMYK	0.00, 0.75, 0.88, 0.64
HSL	9°, 78%, 20%
HSV	9°, 88%, 36%
XYZ	4.6812, 2.8611, 0.6221
YIQ	41.9640, 44.3800, 10.6840

Conversions

Conversions Part 2

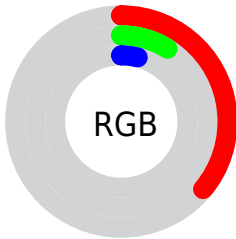
Format	Color
RYB	91, 25, 11
Decimal	5969675
CIELab	19.48, 30.35, 24.69
CIElCh	19, 39.123, 39.122
Yxy	2.8611, 0.5734, 0.3504
Android (android.graphics.Color)	4284159755 (0xFF5B170B)
YUV	41.9640, -15.2653, 43.0046
Hunter-Lab	16.9148, 19.7992, 9.6597

Details

The YUV color **41.9640, -15.2653, 43.0046** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **60.0360, 15.2653, -43.0046**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.7860, -18.6285, 48.4227**, and **12.3730, -5.6069, 25.1059** is the 20% darker color. If you saturate the color by 10%, you get **36.2420, -16.8813, 48.0228**, and if you desaturate by 10%, it is **47.6860, -13.6492, 37.9864**.

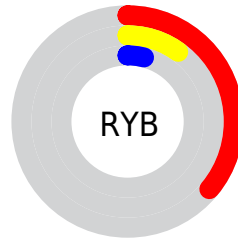
Distribution



Red (36%)

Green (9%)

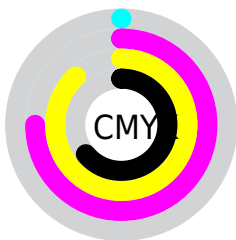
Blue (4%)



Red (36%)

Yellow (10%)

Blue (4%)

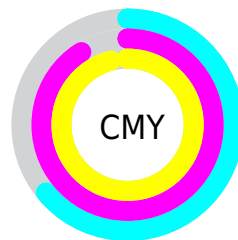


Cyan (0%)

Magenta (75%)

Yellow (88%)

Black (64%)



Cyan (64%)


Magenta (91%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 41.9640, -15.2653, 43.0046 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 41.9640, -15.2653, 43.0046 by changing the saturation by 10% instead.


 41.9640, -15.2653,
43.0046


 41.9640, -15.2653,
43.0046

 252.7200, -8.7360,
1.9996


 19.1360, -9.4340,
39.3457


 91.7860, -18.6285,
48.4227


 12.3730, -5.6069,
25.1059

 117.4550,
-19.9443, 50.4670

 0.0000, 0.0000,
0.0000


 143.6510,
-20.5339, 52.9261


 170.7330,
-21.5604, 55.4852


 195.8250,
-21.1127, 51.8965


 215.2250,


-17.8589, 34.8827


 235.4400,
-14.0209, 17.1541


 41.9640, -15.2653,
43.0046


 41.9640, -15.2653,
43.0046


 36.2420, -16.8813,
48.0228


 47.6860, -13.6492,
37.9864

 35.4270, -17.4655,
48.7375

 52.8210, -11.7438,
33.4830

 58.5430, -10.1277,
28.4648

 64.2650, -8.5116,
23.4466

 70.1010, -6.4588,
18.3284

■ 75.2360, -4.5533,
13.8250

■ 80.9580, -2.9373,
8.8068

■ 86.6800, -1.3212,
3.7886

■ 92.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



38.5470, 0.7163, 50.3863



41.9640, -15.2653, 43.0046



44.7310, -22.0524, 26.5459

Triad

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



41.9640, -15.2653, 43.0046



36.8960, -5.8647, -32.3578



40.0320, 31.5362, -35.1081

Complementary

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



41.9640, -15.2653, 43.0046



60.0360, 15.2653, -43.0046

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.



44.3860, 27.9107, -38.9265



41.9640, -15.2653, 43.0046



40.9030, 6.9498, -35.8719

Square

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



41.9640, -15.2653, 43.0046



38.2650, -18.8646, -16.0184



44.0950, 19.1802, -38.6713



48.3750, 21.5071, 8.4411

Rectangle

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



41.9640, -15.2653, 43.0046



44.9420, -22.1564, 13.2059



44.0950, 19.1802, -38.6713



41.9070, 31.1048, -36.7524

Sweetspot

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



41.9640, -15.2653, 43.0046



98.3180, -5.5798, 16.3841



42.6720, 17.9097, 42.3837



47.4420, -3.6689, 10.1364



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



41.9640, -15.2653, 43.0046



45.5490, -22.4557, 62.6625



65.4440, -26.8409, 22.4126



43.0820, -1.0264, 2.5591



42.2820, -20.8450, 59.3887



91.9950, -45.3535, 127.1694

Inverse Universe

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



60.0360, 15.2653, -43.0046



72.0380, 22.1663, -63.1773



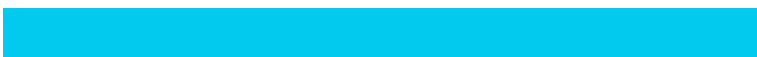
36.5560, 26.8409, -22.4126



43.9180, 1.0264, -2.5591



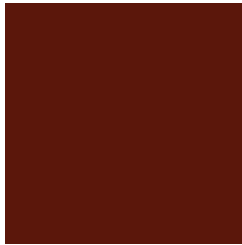
67.1310, 21.1344, -58.8739



145.5920, 45.0641, -127.6842

Previews

White Background



This preview shows how the YUV color 41.9640, -15.2653, 43.0046 looks on a white background.

Color Contrast Check

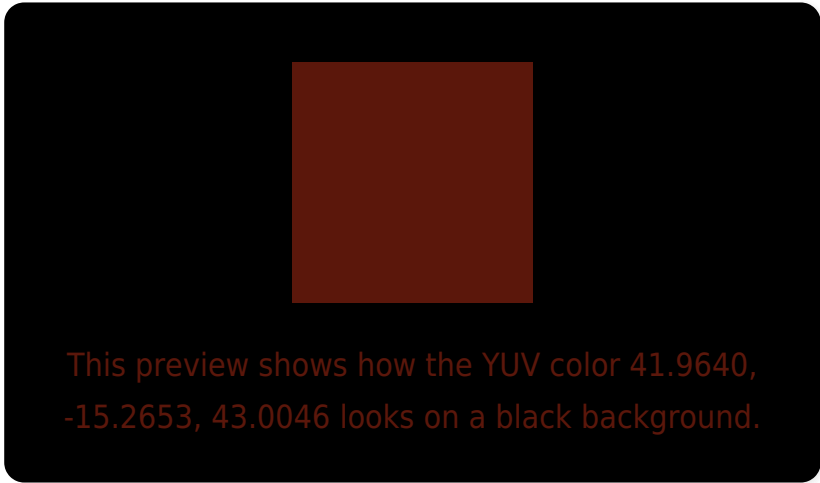
Large Text (above 18pt) WCAG AA ✓ Pass

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

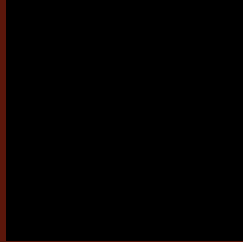
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.9640, -15.2653, 43.0046

Background



This preview shows how black text looks on a background with the YUV color 41.9640, -15.2653, 43.0046.

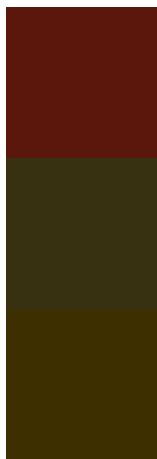


This preview shows how white text looks on a background with the YUV color 41.9640, -15.2653,

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

41.9640, -15.2653, 43.0046

Protanopia

47.1460, -14.8620, 6.8880

Deuteranopia

46.1270, -22.7406, 13.9206



Tritanopia

42.6310, -10.1711, 42.4196

Trichromacy



Original Color

41.9640, -15.2653, 43.0046

Protanomaly

45.5220, -15.0473, 19.7132

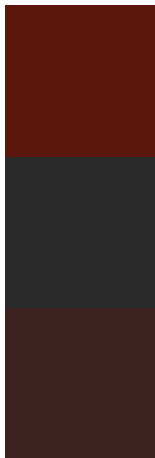
Deuteranomaly

44.5890, -20.0104, 24.9164

Tritanomaly

42.1750, -11.9183, 42.8195

Monochromacy



Original Color

41.9640, -15.2653, 43.0046

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0190, -5.4324, 15.7693

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.9640, -15.2653, 43.0046 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(91, 23, 11)` looks like.

```
.text, #text, p{  
    color:rgb(91, 23, 11)  
}
```

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(91, 23, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 23, 11) }
```

Border

The CSS property to change the border of an element to YUV 41.9640, -15.2653, 43.0046 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(91, 23, 11) }
```


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

```
.border{ border-color:rgb(91, 23, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 23, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 23, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 23, 11);  
box-shadow:4px 4px 4px 4px rgb(91, 23, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.9640, -15.2653, 43.0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 23, 11) }
```

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

```
.background{ background-color: rgb(91, 23,  
11) }
```

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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