

Converting Colors

YUV(43.8790, -16.7023, -9.5409)

Have a look what the booklet for
YUV(43.8790, -16.7023, -9.5409)
contains.

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Color

**YUV(43.8790, -16.7023,
-9.5409)**

Conversions

Conversions Part 1

Format	Color
Hex	21380A
RGB	33, 56, 10
RGB Percent	13%, 22%, 4%
CMY	0.8706, 0.7804, 0.9608
CMYK	0.41, 0.00, 0.82, 0.78
HSL	90°, 70%, 13%
HSV	90°, 82%, 22%
XYZ	2.0962, 3.1736, 0.7892
YIQ	43.8790, 1.0580, -19.1820

Conversions

Conversions Part 2

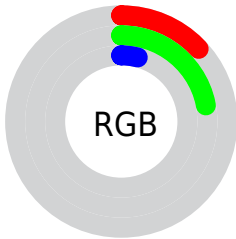
Format	Color
R_{YB}	10, 56, 33
Decimal	2177034
CIE Lab	20.73, -18.09, 24.45
CIE LCh	21, 30.409, 126.495
Yxy	3.1736, 0.3460, 0.5238
Android (android.graphics.Color)	4280367114 (0xFF21380A)
YUV	43.8790, -16.7023, -9.5409
Hunter-Lab	17.8146, -10.1723, 9.8435

Details

The YUV color **43.8790, -16.7023, -9.5409** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **22.1210, 16.7023, 9.5409**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.6510, -17.5759, -9.3409**, and **2.9350, -1.4470, -2.5740** is the 20% darker color. If you saturate the color by 10%, you get **42.2980, -18.8809, -10.7853**, and if you desaturate by 10%, it is **45.4600, -14.5238, -8.2964**.

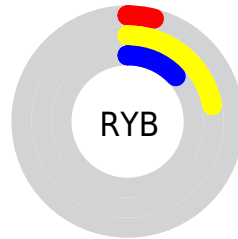
Distribution



Red (13%)

Green (22%)

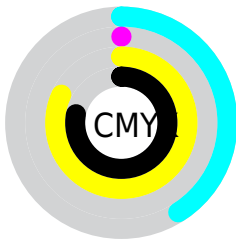
Blue (4%)



Red (4%)

Yellow (22%)

Blue (13%)

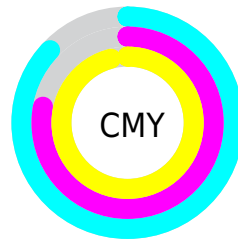


Cyan (41%)

Magenta (0%)

Yellow (82%)

Black (78%)



Cyan (87%)

Magenta (78%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.8790, -16.7023, -9.5409 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 43.8790, -16.7023, -9.5409 by changing the saturation by 10% instead.

■ 43.8790, -16.7023,
-9.5409

■ 43.8790, -16.7023,
-9.5409

■ 252.9480, -7.8624,
1.7996

■ 23.2470, -11.4608,
-10.7406

■ 90.6510, -17.5759,
-9.3409

■ 2.9350, -1.4470,
-2.5740

■ 115.1240,
-18.3021, -9.7557

■ 0.0000, 0.0000,
0.0000

■ 141.0100,
-18.7389, -9.6558

■ 167.4830,
-19.4651, -10.0706

■ 195.2550,
-20.3387, -9.8706

■ 222.8420,

-20.6281, -10.3854

■ 245.2710,
-17.8816, -4.6227

■ 43.8790, -16.7023,
-9.5409

■ 43.8790, -16.7023,
-9.5409

■ 42.2980, -18.8809,
-10.7853

■ 45.4600, -14.5238,
-8.2964

■ 41.2440, -20.3333,
-11.6150

■ 46.9270, -12.7820,
-6.9520

■ 48.2090, -10.4560,
-6.3223

■ 49.6760, -8.7143,
-4.9779

■ 51.2570, -6.5357,
-3.7334

■ 52.8380, -4.3571,
-2.4889

■ 54.3050, -2.6154,
-1.1445

■ 55.5870, -0.2894,
-0.5148

■ 57.0540, 1.4524,
0.8296

Harmonies

Analogous

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



46.3930, -22.8717, 9.3023



43.8790, -16.7023, -9.5409



38.1670, -3.5333, -33.4725

Triad

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



43.8790, -16.7023, -9.5409



43.8330, 23.2533, -38.4415



48.5900, -1.2769, 36.3166

Complementary

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



43.8790, -16.7023, -9.5409



22.1210, 16.7023, 9.5409

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.



50.4560, 8.6492, 25.9101



43.8790, -16.7023, -9.5409



40.6530, 26.3001, -35.6527

Square

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



43.8790, -16.7023, -9.5409



43.8840, 15.8332, -38.4863



51.5010, 17.0080, 4.8226



48.2340, -11.4544, 33.9978

Rectangle

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



43.8790, -16.7023, -9.5409



40.4640, 2.7292, -35.4869



51.5010, 17.0080, 4.8226



48.7900, 2.0755, 34.3872

Sweetspot

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



43.8790, -16.7023, -9.5409



69.1430, -6.9725, -3.6334



37.2550, -13.4367, 16.4394



35.2510, -4.0677, -1.9741



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



43.8790, -16.7023, -9.5409



54.6150, -26.4322, -15.4484



37.0020, -13.3120, -23.6808



27.3590, -1.1630, -0.3148



67.7580, -33.4047, -19.0818



161.4430, -79.5914, -45.1155

Inverse Universe

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



22.1210, 16.7023, 9.5409



20.0860, 26.5796, 14.8336



28.9980, 13.3120, 23.6808



25.9400, 1.0156, 0.9296



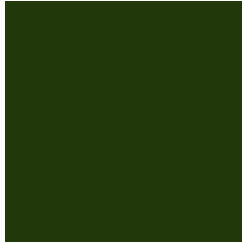
24.2420, 33.4047, 19.0818



57.8560, 79.4440, 45.7303

Previews

White Background



This preview shows how the YUV color 43.8790, -16.7023, -9.5409 looks on a white background.

Color Contrast Check

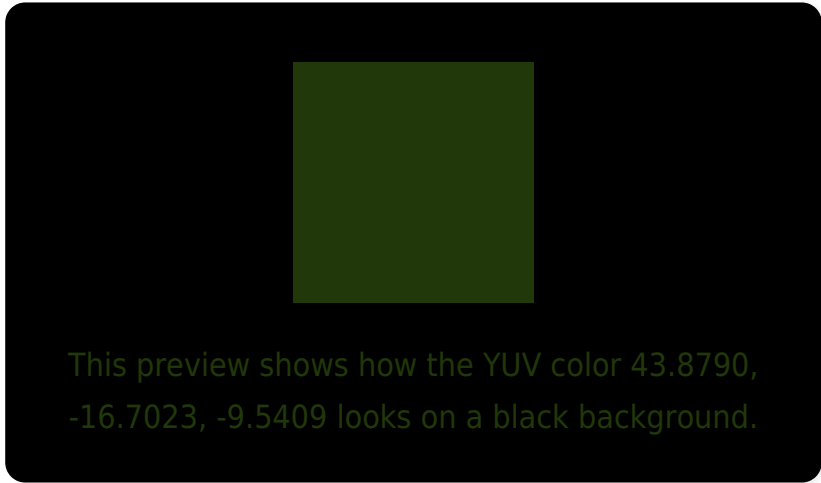
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8790, -16.7023, -9.5409

Background



This preview shows how black text looks on a background with the YUV color 43.8790, -16.7023, -9.5409.



This preview shows how white text looks on a background with the YUV color 43.8790, -16.7023, -9.5409.

-9.5409.

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

43.8790, -16.7023, -9.5409

Protanopia

47.0060, -19.2300, 7.8877

Deuteranopia

48.1360, -16.3360, 13.0357



Tritanopia

48.5690, 3.6635, -8.3920

Trichromacy



Original Color

43.8790, -16.7023, -9.5409

Protanomaly

45.9020, -18.1927, 1.8399

Deuteranomaly

46.3800, -16.4563, 4.9287

Tritanomaly

46.6200, -3.7567, -8.4367

Monochromacy



Original Color

43.8790, -16.7023, -9.5409

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.7840, -5.8095, -3.3186

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.8790, -16.7023, -9.5409 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(33, 56, 10)` looks like.

```
.text, #text, p{  
    color:rgb(33, 56, 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(33, 56, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 56, 10) }
```

Border

The CSS property to change the border of an element to YUV 43.8790, -16.7023, -9.5409 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(33, 56, 10) }
```


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

```
.border{ border-color:rgb(33, 56, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 56, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 56, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 56, 10);  
box-shadow:4px 4px 4px 4px rgb(33, 56, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.8790, -16.7023, -9.5409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 56, 10) }
```

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

```
.background{ background-color: rgb(33, 56,  
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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