

Converting Colors

YUV(44.3750, -18.9189, 1.4251)

Have a look what the booklet for
YUV(44.3750, -18.9189, 1.4251)
contains.

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Color

**YUV(44.3750, -18.9189,
1.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3306
RGB	46, 51, 6
RGB Percent	18%, 20%, 2%
CMY	0.8196, 0.8000, 0.9765
CMYK	0.10, 0.00, 0.88, 0.80
HSL	67°, 79%, 11%
HSV	67°, 88%, 20%
XYZ	2.3434, 2.9616, 0.6204
YIQ	44.3750, 11.4650, -15.0550

Conversions

Conversions Part 2

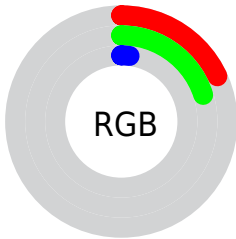
Format	Color
RYB	6, 51, 11
Decimal	3027718
CIELab	19.89, -9.17, 25.42
CIELCh	20, 27.022, 109.839
Yxy	2.9616, 0.3955, 0.4998
Android (android.graphics.Color)	4281217798 (0xFF2E3306)
YUV	44.3750, -18.9189, 1.4251
Hunter-Lab	17.2094, -5.8101, 9.9091

Details

The YUV color **44.3750, -18.9189, 1.4251** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12.6250, 18.9189, -1.4251**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.6740, -19.0663, 2.0399**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **43.5060, -20.9555, 1.3102**, and if you desaturate by 10%, it is **45.2440, -16.8823, 1.5400**.

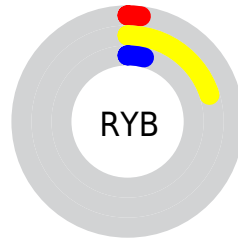
Distribution



Red (18%)

Green (20%)

Blue (2%)



Red (2%)

Yellow (20%)

Blue (4%)

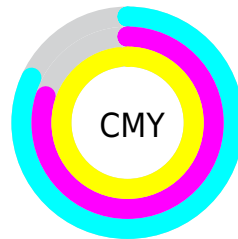


Cyan (10%)

Magenta (0%)

Yellow (88%)

Black (80%)



Cyan (82%)

Magenta (80%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.3750, -18.9189, 1.4251 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 44.3750, -18.9189, 1.4251 by changing the saturation by 10% instead.

■ 44.3750, -18.9189,
1.4251

■ 44.3750, -18.9189,
1.4251

■ 252.4920, -9.6096,
2.1995

■ 24.7860, -12.2195,
-0.6893

■ 90.6740, -19.0663,
2.0399

■ 0.0000, 0.0000,
0.0000

■ 115.7450,
-20.0873, 2.8546

■ 141.5170,
-20.9609, 3.0546


■ 167.7020,
-21.5451, 3.7693


■ 195.1750,
-22.2713, 3.3545


■ 223.0610,


-22.7081, 3.4545


 249.3000,
-21.8399, 4.9989


 44.3750, -18.9189,
1.4251


 44.3750, -18.9189,
1.4251


 43.5060, -20.9555,
1.3102


 45.2440, -16.8823,
1.5400

 43.3920, -21.3923,
1.4102

 45.8140, -14.6983,
1.0401

 46.6830, -12.6617,
1.1550

 47.2530, -10.4777,
0.6551

 48.2360, -8.0043,
0.6700

■ 48.8060, -5.8204,
0.1701

■ 49.6750, -3.7838,
0.2850

■ 50.5440, -1.7472,
0.3999

■ 51.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



46.0070, -20.7095, 15.7799



44.3750, -18.9189, 1.4251



41.2570, -9.9867, -16.8884

Triad

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



44.3750, -18.9189, 1.4251



41.7640, 17.8643, -36.6270



47.9140, 3.9864, 28.1394

Complementary

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



44.3750, -18.9189, 1.4251



12.6250, 18.9189, -1.4251

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.



49.5900, 12.0341, 13.5146



44.3750, -18.9189, 1.4251



40.4420, 22.9531, -35.4676

Square

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



44.3750, -18.9189, 1.4251



41.0000, 9.8600, -35.9570



47.4560, 18.5092, -10.0469



46.8300, -5.3392, 32.5981

Rectangle

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



44.3750, -18.9189, 1.4251



37.3350, -1.6442, -32.7428



47.4560, 18.5092, -10.0469



48.8750, 6.4706, 24.6656

Sweetspot

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



44.3750, -18.9189, 1.4251



63.4640, -7.1308, 0.4701



22.3900, -8.0803, 25.0910



31.5610, -4.2206, 0.3850



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



44.3750, -18.9189, 1.4251



56.3830, -27.7968, 2.2951



37.7970, -15.6759, -12.1000



25.3590, -1.1630, -0.3148



75.8640, -37.4010, 2.7503



185.0860, -91.2474, 6.9406

Inverse Universe

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



12.6250, 18.9189, -1.4251



9.6170, 27.7968, -2.2951



19.2030, 15.6759, 12.1000



23.3420, 1.3104, -0.2999



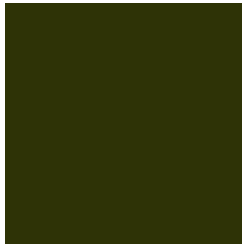
13.1360, 37.4010, -2.7503



31.9140, 91.2474, -6.9406

Previews

White Background



This preview shows how the YUV color 44.3750, -18.9189, 1.4251 looks on a white background.

Color Contrast Check

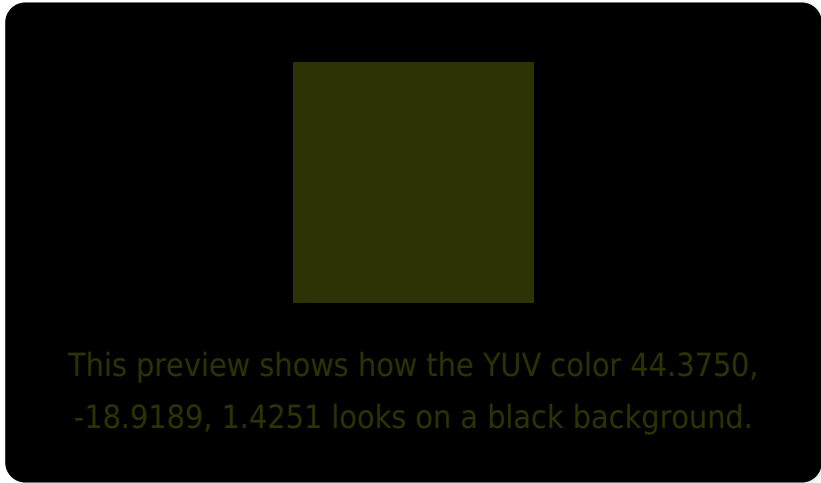
Large Text (above 18pt) WCAG AA ✓ Pass

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

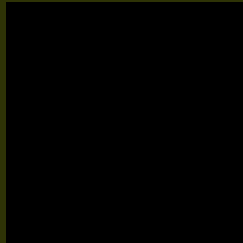
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.3750, -18.9189, 1.4251

Background



This preview shows how black text looks on a background with the YUV color 44.3750, -18.9189, 1.4251.



This preview shows how white text looks on a background with the YUV color 44.3750, -18.9189,

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

44.3750, -18.9189, 1.4251

Protanopia

44.8920, -19.6668, 7.9877

Deuteranopia

46.3810, -17.9358, 12.8209



Tritanopia

48.3530, 1.3050, 1.4444

Trichromacy



Original Color

44.3750, -18.9189, 1.4251

Protanomaly

44.5820, -19.5139, 5.6286

Deuteranomaly

45.9460, -18.2144, 8.8174

Tritanomaly

46.8170, -5.8258, 1.9145

Monochromacy



Original Color

44.3750, -18.9189, 1.4251

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.4640, -7.1308, 0.4701

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.3750, -18.9189, 1.4251 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(46, 51, 6)` looks like.

```
.text, #text, p{  
    color:rgb(46, 51, 6)  
}
```

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(46, 51, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 51, 6) }
```

Border

The CSS property to change the border of an element to YUV 44.3750, -18.9189, 1.4251 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(46, 51, 6) }
```


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

```
.border{ border-color:rgb(46, 51, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 51, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 51, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(46, 51, 6); box-shadow:4px  
4px 4px 4px rgb(46, 51, 6) }
```

Background

The CSS property to change the background color of an element to YUV 44.3750, -18.9189, 1.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 51, 6) }
```

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

```
.background{ background-color: rgb(46, 51,  
6) }
```

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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