

Converting Colors

YUV(46.9290, -15.7410, 8.8323)

Have a look what the booklet for
YUV(46.9290, -15.7410, 8.8323)
contains.

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Color

**YUV(46.9290, -15.7410,
8.8323)**

Conversions

Conversions Part 1

Format	Color
Hex	39300F
RGB	57, 48, 15
RGB Percent	22%, 19%, 6%
CMY	0.7765, 0.8118, 0.9412
CMYK	0.00, 0.16, 0.74, 0.78
HSL	47°, 58%, 14%
HSV	47°, 74%, 22%
XYZ	2.8305, 3.0183, 0.8853
YIQ	46.9290, 15.9570, -8.3550

Conversions

Conversions Part 2

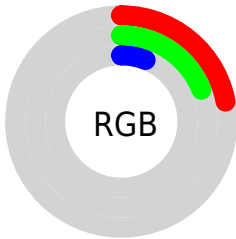
Format	Color
R_{YB}	26, 57, 15
Decimal	3747855
CIE Lab	20.12, -0.69, 22.02
CIE LCh	20, 22.032, 91.807
Yxy	3.0183, 0.4203, 0.4482
Android (android.graphics.Color)	4281937935 (0xFF39300F)
YUV	46.9290, -15.7410, 8.8323
Hunter-Lab	17.3731, -1.3208, 9.1398

Details

The YUV color **46.9290, -15.7410, 8.8323** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **25.0710, 15.7410, -8.8323**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.4840, -17.4936, 10.9765**, and **0.5870, -0.2894, -0.5148** is the 20% darker color. If you saturate the color by 10%, you get **45.6580, -18.0724, 9.9469**, and if you desaturate by 10%, it is **48.2000, -13.4096, 7.7176**.

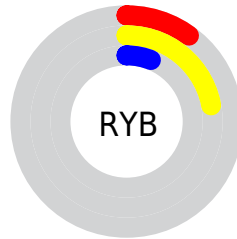
Distribution



Red (22%)

Green (19%)

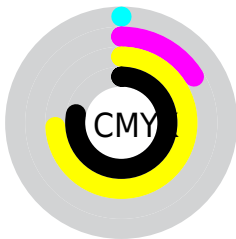
Blue (6%)



Red (10%)

Yellow (22%)

Blue (6%)

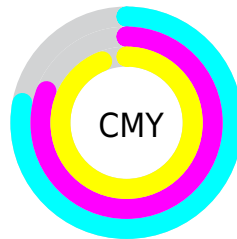


Cyan (0%)

Magenta (16%)

Yellow (74%)

Black (78%)



Cyan (78%)


Magenta (81%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 46.9290, -15.7410, 8.8323 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 46.9290, -15.7410, 8.8323 by changing the saturation by 10% instead.


 46.9290, -15.7410,
8.8323


 46.9290, -15.7410,
8.8323

 253.4040, -6.1152,
1.3997

 26.3140, -12.9728,
7.6176


 93.4840, -17.4936,
10.9765


 0.5870, -0.2894,
-0.5148

 117.7830,
-17.6410, 11.5913

 0.0000, 0.0000,
0.0000

 143.8540,
-18.6620, 12.4060

 170.1530,
-18.8094, 13.0208

 197.9250,
-19.6830, 13.2208

 226.1100,

-20.2672, 13.9355

■ 249.6250,
-18.0561, 4.7139

■ 46.9290, -15.7410,
8.8323

■ 46.9290, -15.7410,
8.8323

■ 45.6580, -18.0724,
9.9469

■ 48.2000, -13.4096,
7.7176

■ 44.5010, -19.9670,
10.9616

■ 49.3570, -11.5150,
6.7029

■ 43.4580, -21.4248,
11.8763

■ 51.2150, -9.4730,
5.0734

■ 52.4860, -7.1416,
3.9588

■ 53.7570, -4.8102,
2.8441

■ 54.9140, -2.9156,
1.8294

■ 56.7720, -0.8736,
0.2000

■ 58.0430, 1.4578,
-0.9147

■ 59.2000, 3.3524,
-1.9294

Harmonies

Analogous

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



47.8640, -13.7370, 19.4133



46.9290, -15.7410, 8.8323



45.3510, -12.4980, -4.6928

Triad

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



46.9290, -15.7410, 8.8323



40.2820, 12.1860, -35.3273



50.2330, 6.7871, 16.4587

Complementary

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



46.9290, -15.7410, 8.8323



25.0710, 15.7410, -8.8323

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.



49.7410, 12.9457, 1.1041



46.9290, -15.7410, 8.8323



40.4760, 18.0063, -35.4975

Square

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



46.9290, -15.7410, 8.8323



39.0450, 4.9078, -34.2425



44.5640, 17.9629, -21.5426



49.3390, -0.6601, 25.1357

Rectangle

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



46.9290, -15.7410, 8.8323



43.5500, -7.6661, -14.5143



44.5640, 17.9629, -21.5426



50.4820, 9.1294, 11.8553

Sweetspot

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



46.9290, -15.7410, 8.8323



69.8280, -5.8312, 3.6588



28.5840, -2.2599, 24.9208



35.6860, -3.7892, 2.0294



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.



46.9290, -15.7410, 8.8323



58.3720, -24.3404, 13.7058



48.6240, -16.5766, -3.1782



27.0710, -1.0210, 0.8147



69.7720, -34.3976, 19.4940



166.4450, -82.0574, 46.0907

Inverse Universe

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



25.0710, 15.7410, -8.8323



24.6280, 24.3404, -13.7058



23.3760, 16.5766, 3.1782



25.9290, 1.0210, -0.8147



22.2280, 34.3976, -19.4940



52.5550, 82.0574, -46.0907

Previews

White Background



This preview shows how the YUV color 46.9290, -15.7410, 8.8323 looks on a white background.

Color Contrast Check

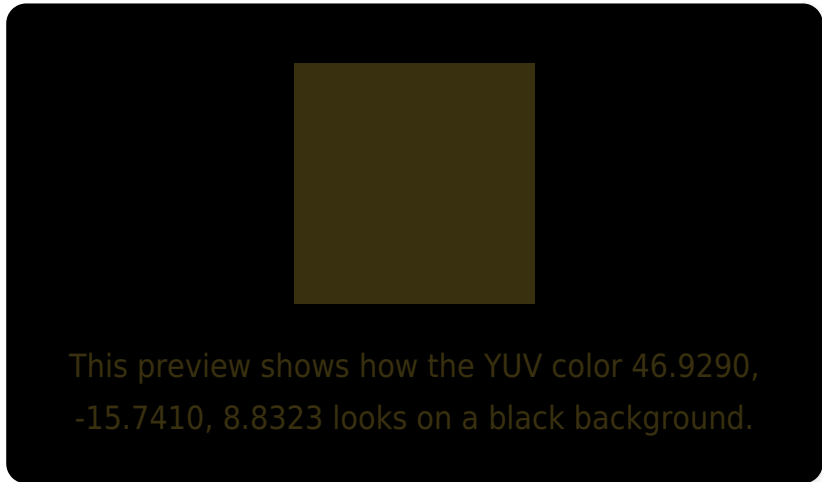
Large Text (above 18pt) WCAG AA ✓ Pass

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

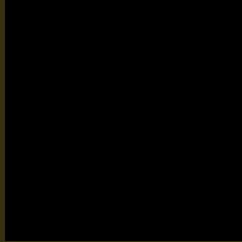
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.9290, -15.7410, 8.8323

Background



This preview shows how black text looks on a background with the YUV color 46.9290, -15.7410, 8.8323.



This preview shows how white text looks on a background with the YUV color 46.9290, -15.7410,

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

46.9290, -15.7410, 8.8323

Protanopia

46.9180, -15.7356, 7.0879

Deuteranopia

47.0650, -15.3150, 12.2210



Tritanopia

49.5280, -0.7533, 8.3069

Trichromacy



Original Color

46.9290, -15.7410, 8.8323

Protanomaly

47.2170, -15.8830, 7.7027

Deuteranomaly

47.3530, -15.4570, 11.0914

Tritanomaly

48.4480, -6.1369, 8.3771

Monochromacy



Original Color

46.9290, -15.7410, 8.8323

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.8280, -5.8312, 3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9290, -15.7410, 8.8323 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(57, 48, 15)` looks like.

```
.text, #text, p{  
    color:rgb(57, 48, 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(57, 48, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 48, 15) }
```

Border

The CSS property to change the border of an element to YUV 46.9290, -15.7410, 8.8323 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(57, 48, 15) }
```


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

```
.border{ border-color:rgb(57, 48, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 48, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 48, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 48, 15);  
box-shadow:4px 4px 4px 4px rgb(57, 48, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.9290, -15.7410, 8.8323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 48, 15) }
```

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

```
.background{ background-color: rgb(57, 48,  
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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