

Converting Colors

YUV(42.8560, -18.1700,
41.3453)

Have a look what the booklet for
YUV(42.8560, -18.1700, 41.3453)
contains.

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Color

**YUV(42.8560, -18.1700,
41.3453)**

Conversions

Conversions Part 1

Format	Color
Hex	5A1A06
RGB	90, 26, 6
RGB Percent	35%, 10%, 2%
CMY	0.6471, 0.8980, 0.9765
CMYK	0.00, 0.71, 0.93, 0.65
HSL	14°, 88%, 19%
HSV	14°, 93%, 35%
XYZ	4.6187, 2.9256, 0.4936
YIQ	42.8560, 44.5640, 7.3480

Conversions

Conversions Part 2

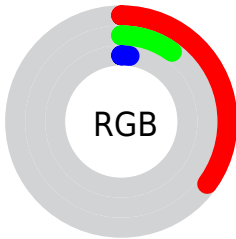
Format	Color
RYB	90, 32, 6
Decimal	5904902
CIELab	19.74, 28.39, 26.98
CIELCh	20, 39.167, 43.540
Yxy	2.9256, 0.5746, 0.3640
Android (android.graphics.Color)	4284094982 (0xFF5A1A06)
YUV	42.8560, -18.1700, 41.3453
Hunter-Lab	17.1044, 18.2679, 10.2622

Details

The YUV color **42.8560, -18.1700, 41.3453** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **53.1440, 18.1700, -41.3453**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.0200, -20.2229, 46.4635**, and **12.0740, -5.4595, 24.4911** is the 20% darker color. If you saturate the color by 10%, you get **39.2370, -19.3438, 44.5192**, and if you desaturate by 10%, it is **47.9910, -16.2646, 36.8419**.

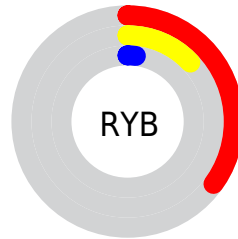
Distribution



Red (35%)

Green (10%)

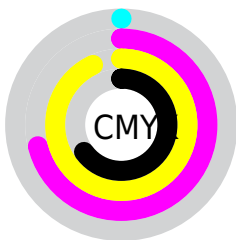
Blue (2%)



Red (35%)

Yellow (13%)

Blue (2%)

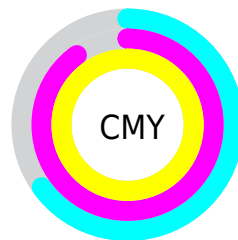


Cyan (0%)

Magenta (71%)

Yellow (93%)

Black (65%)



Cyan (65%)


Magenta (90%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 42.8560, -18.1700, 41.3453 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 42.8560, -18.1700, 41.3453 by changing the saturation by 10% instead.


 42.8560, -18.1700,
41.3453

 42.8560, -18.1700,
41.3453


 252.2640,
-10.4832, 2.3995


 20.0110, -9.8654,
37.7014


 92.0200, -20.2229,
46.4635


 12.0740, -5.4595,
24.4911

 117.9880,
-21.6861, 49.1225

 0.0000, 0.0000,
0.0000


 144.0700,
-22.7125, 51.6816


 171.7390,
-24.0283, 53.7259


 197.1300,
-23.7281, 50.7520


 216.0570,


-19.7481, 34.1530


 236.1580,
-16.3469, 16.5244


 42.8560, -18.1700,
41.3453


 42.8560, -18.1700,
41.3453


 39.2370, -19.3438,
44.5192

 47.9910, -16.2646,
36.8419

 53.1260, -14.3591,
32.3385

 58.2610, -12.4537,
27.8351

 62.8090, -10.2588,
23.8465

 67.9440, -8.3534,
19.3431

■ 73.0790, -6.4479,
14.8397

■ 78.2140, -4.5425,
10.3363

■ 83.3490, -2.6371,
5.8329

■ 88.4840, -0.7316,
1.3295

Harmonies

Analogous

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



39.5640, -1.7571, 50.3714



42.8560, -18.1700, 41.3453



45.3070, -22.3364, 24.2868

Triad

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



42.8560, -18.1700, 41.3453



38.0530, -3.9701, -33.3725



39.4450, 31.8256, -34.5933

Complementary

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



42.8560, -18.1700, 41.3453



53.1440, 18.1700, -41.3453

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.



44.0270, 29.0737, -38.6117



42.8560, -18.1700, 41.3453



42.0600, 8.8444, -36.8866

Square

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



42.8560, -18.1700, 41.3453



36.4600, -17.9748, -21.4514



44.5510, 20.9274, -39.0712



48.7670, 20.3279, 13.3593

Rectangle

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



42.8560, -18.1700, 41.3453



45.2190, -22.2930, 10.3319



44.5510, 20.9274, -39.0712



41.3200, 31.3942, -36.2376

Sweetspot

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



42.8560, -18.1700, 41.3453



98.5630, -7.1796, 16.1692



38.4120, 15.5729, 45.2427



47.3280, -4.1057, 10.2363



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.



42.8560, -18.1700, 41.3453



51.4190, -25.3496, 57.5145



67.5100, -30.3244, 19.7237



43.0820, -1.0264, 2.5591



48.1520, -23.7389, 54.2407



103.7350, -51.1414, 116.8734

Inverse Universe

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



53.1440, 18.1700, -41.3453



65.5810, 25.3496, -57.5145



28.4900, 30.3244, -19.7237



43.9180, 1.0264, -2.5591



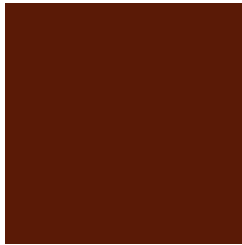
61.8480, 23.7389, -54.2407



133.2650, 51.1414, -116.8734

Previews

White Background



This preview shows how the YUV color 42.8560, -18.1700, 41.3453 looks on a white background.

Color Contrast Check

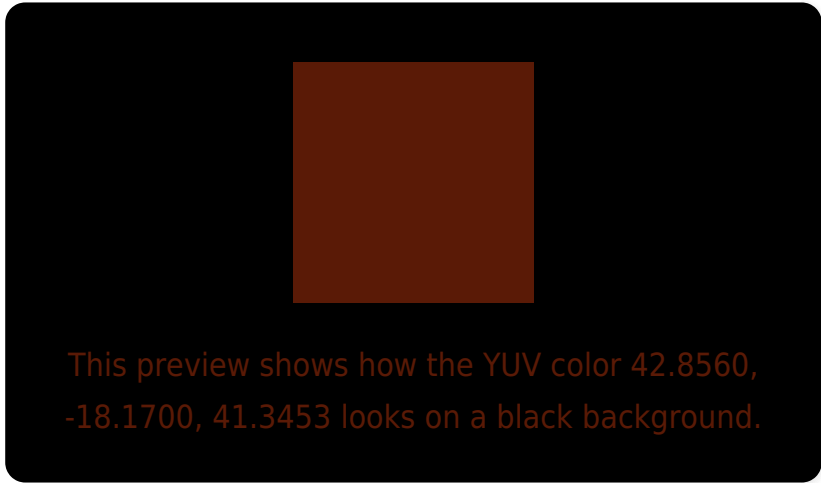
Large Text (above 18pt) WCAG AA ✓ Pass

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

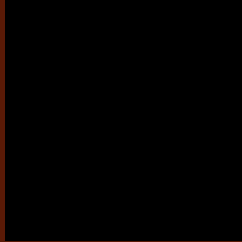
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.8560, -18.1700, 41.3453

Background



This preview shows how black text looks on a background with the YUV color 42.8560, -18.1700, 41.3453.



This preview shows how white text looks on a background with the YUV color 42.8560, -18.1700,

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

42.8560, -18.1700, 41.3453

Protanopia

47.4620, -17.4828, 7.4878

Deuteranopia

46.1270, -22.7406, 13.9206



Tritanopia

43.8480, -9.2921, 40.4753

Trichromacy



Original Color

42.8560, -18.1700, 41.3453

Protanomaly

45.5390, -17.5207, 19.6983

Deuteranomaly

44.6490, -21.0260, 23.9868

Tritanomaly

43.6370, -12.6390, 40.6604

Monochromacy



Original Color

42.8560, -18.1700, 41.3453

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0790, -6.4479, 14.8397

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.8560, -18.1700, 41.3453 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(90, 26, 6)` looks like.

```
.text, #text, p{  
    color:rgb(90, 26, 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(90, 26, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 26, 6) }
```

Border

The CSS property to change the border of an element to YUV 42.8560, -18.1700, 41.3453 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(90, 26, 6) }
```


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

```
.border{ border-color:rgb(90, 26, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 26, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 26, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(90, 26, 6); box-shadow:4px  
4px 4px 4px rgb(90, 26, 6) }
```

Background

The CSS property to change the background color of an element to YUV 42.8560, -18.1700, 41.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 26, 6) }
```

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

```
.background{ background-color: rgb(90, 26,  
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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