

Converting Colors

YUV(56.7150, -21.5515,
-40.9691)

Have a look what the booklet for
YUV(56.7150, -21.5515, -40.9691)
contains.

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Color

**YUV(56.7150, -21.5515,
-40.9691)**

Conversions

Conversions Part 1

Format	Color
Hex	0A590D
RGB	10, 89, 13
RGB Percent	4%, 35%, 5%
CMY	0.9608, 0.6510, 0.9490
CMYK	0.89, 0.00, 0.85, 0.65
HSL	122°, 80%, 19%
HSV	122°, 89%, 35%
XYZ	3.7702, 7.2383, 1.5792
YIQ	56.7150, -22.6880, -40.3840

Conversions

Conversions Part 2

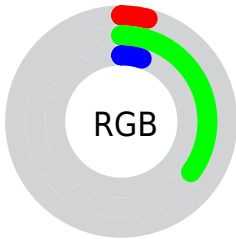
Format	Color
RYB	10, 86, 89
Decimal	678157
CIELab	32.34, -37.86, 34.58
CIELCh	32, 51.270, 137.592
Yxy	7.2383, 0.2995, 0.5750
Android (android.graphics.Color)	4278868237 (0xFF0A590D)
YUV	56.7150, -21.5515, -40.9691
Hunter-Lab	26.9042, -22.0683, 15.3528

Details

The YUV color **56.7150, -21.5515, -40.9691** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **42.2850, 21.5515, 40.9691**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.4770, -23.8992, -34.6213**, and **25.2410, -12.4438, -22.1364** is the 20% darker color. If you saturate the color by 10%, you get **52.9980, -24.1560, -45.6022**, and if you desaturate by 10%, it is **60.4320, -18.9470, -36.3359**.

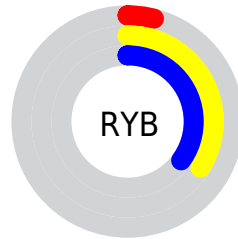
Distribution



Red (4%)

Green (35%)

Blue (5%)



Red (4%)

Yellow (34%)

Blue (35%)

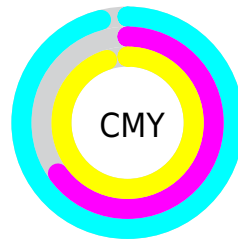


Cyan (89%)

Magenta (0%)

Yellow (85%)

Black (65%)



Cyan (96%)


Magenta (65%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 56.7150, -21.5515, -40.9691 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 56.7150, -21.5515, -40.9691 by changing the saturation by 10% instead.


 56.7150, -21.5515,
-40.9691

 56.7150, -21.5515,
-40.9691


 254.3160, -2.6208,
0.5999


 38.1550, -18.8104,
-33.4619


 110.4770,
-23.8992, -34.6213


 25.2410, -12.4438,
-22.1364


 137.2490,
-24.7728, -34.4214

 8.8050, -4.3409,
-7.7220

 164.0210,
-25.6464, -34.2214

 0.0000, 0.0000,
0.0000


 191.4940,
-26.3725, -34.6362


 219.9670,
-27.0987, -35.0511


 233.7650,


-20.5901, -22.5959


 245.6280,
-12.6346, -7.5668


 56.7150, -21.5515,
-40.9691


 56.7150, -21.5515,
-40.9691


 52.9980, -24.1560,
-45.6022


 60.4320, -18.9470,
-36.3359

 52.5850, -24.4454,
-46.1170

 64.0350, -16.7793,
-31.6027

 67.7520, -14.1747,
-26.9695

 71.3550, -12.0070,
-22.2363

 75.0720, -9.4025,
-17.6031

■ 78.3760, -7.0874,
-13.4848

■ 82.0930, -4.4828,
-8.8516

■ 85.6960, -2.3151,
-4.1184

■ 89.4130, 0.2894,
0.5148

Harmonies

Analogous

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



68.7760, -33.9066, 1.9504



56.7150, -21.5515, -40.9691



61.0890, -2.0159, -53.5751

Triad

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



56.7150, -21.5515, -40.9691



68.2660, 43.2529, -59.8693



66.8330, -6.3267, 69.4295

Complementary

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



56.7150, -21.5515, -40.9691



42.2850, 21.5515, 40.9691

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.



70.0010, 12.3245, 60.5121



56.7150, -21.5515, -40.9691



67.2840, 42.7510, -38.8371

Square

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



56.7150, -21.5515, -40.9691



69.3940, 32.3438, -60.8585



77.7390, 26.2577, 24.7849



70.2400, -27.2333, 55.0405

Rectangle

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



56.7150, -21.5515, -40.9691



64.9820, 10.3619, -56.9892



77.7390, 26.2577, 24.7849



66.0810, 0.9461, 70.0890

Sweetspot

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



56.7150, -21.5515, -40.9691



102.3110, -8.5343, -16.0587



79.0970, -34.0648, 6.0539



51.2670, -5.0616, -9.8812



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.



56.7150, -21.5515, -40.9691



67.9610, -31.5328, -59.6018



61.1610, -4.5164, -44.8682



41.3480, -1.1576, -2.0592



63.2650, -29.2176, -55.4834



138.9710, -64.0757, -121.8776

Inverse Universe

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



42.2850, 21.5515, 40.9691



46.9250, 31.0960, 59.7018



37.8390, 4.5164, 44.8682



40.6520, 1.1576, 2.0592



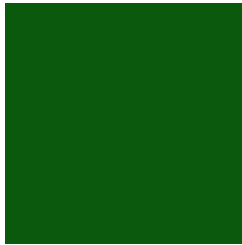
43.7350, 29.2176, 55.4834



96.0290, 64.0757, 121.8776

Previews

White Background



This preview shows how the YUV color 56.7150, -21.5515, -40.9691 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

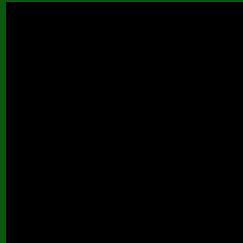
Any Text WCAG AA × Fail

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 56.7150, -21.5515, -40.9691 Background



This preview shows how black text looks on a background with the YUV color 56.7150, -21.5515, -40.9691.



This preview shows how white text looks on a background with the YUV color 56.7150, -21.5515,

-40.9691.

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

56.7150, -21.5515, -40.9691

Protanopia

71.3520, -30.7395, 12.8463

Deuteranopia

73.2910, -24.7935, 19.0388



Tritanopia

70.3430, 9.6909, -28.3648

Trichromacy



Original Color

56.7150, -21.5515, -40.9691

Protanomaly

66.0290, -27.6223, -7.0414

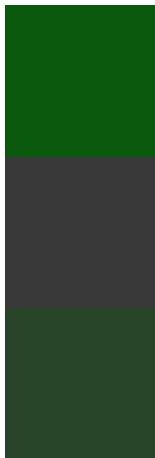
Deuteranomaly

67.0880, -23.7074, -2.7082

Tritanomaly

65.3350, -1.6442, -32.7428

Monochromacy



Original Color

56.7150, -21.5515, -40.9691

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1370, -7.9555, -15.0291

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.7150, -21.5515, -40.9691 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(10, 89, 13)` looks like.

```
.text, #text, p{  
    color:rgb(10, 89, 13)  
}
```

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(10, 89, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 89, 13) }
```

Border

The CSS property to change the border of an element to YUV 56.7150, -21.5515, -40.9691 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(10, 89, 13) }
```


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

```
.border{ border-color:rgb(10, 89, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 89, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 89, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 89, 13);  
box-shadow:4px 4px 4px 4px rgb(10, 89, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.7150, -21.5515, -40.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 89, 13) }
```

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

```
.background{ background-color: rgb(10, 89,  
13) }
```

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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