

Converting Colors

YUV(69.9100, -0.4486, -42.8941)

Have a look what the booklet for
YUV(69.9100, -0.4486, -42.8941)
contains.

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Color

**YUV(69.9100, -0.4486,
-42.8941)**

Conversions

Conversions Part 1

Format	Color
Hex	155F45
RGB	21, 95, 69
RGB Percent	8%, 37%, 27%
CMY	0.9176, 0.6275, 0.7294
CMYK	0.78, 0.00, 0.27, 0.63
HSL	159°, 64%, 23%
HSV	159°, 78%, 37%
XYZ	5.4756, 8.7735, 7.0351
YIQ	69.9100, -35.7580, -23.7740

Conversions

Conversions Part 2

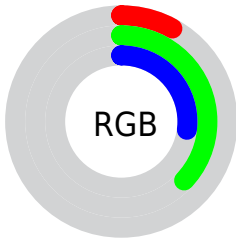
Format	Color
R_{YB}	21, 66, 95
Decimal	1400645
CIE Lab	35.54, -29.07, 8.62
CIE LCh	36, 30.316, 163.489
Yxy	8.7735, 0.2573, 0.4122
Android (android.graphics.Color)	4279590725 (0xFF155F45)
YUV	69.9100, -0.4486, -42.8941
Hunter-Lab	29.6201, -18.8373, 6.6521

Details

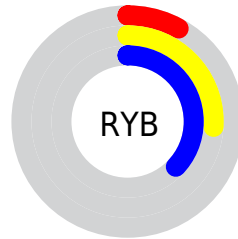
The YUV color **69.9100, -0.4486, -42.8941** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **46.0900, 0.4486, 42.8941**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.0630, -2.4961, -39.5203**, and **31.1400, -2.5340, -27.3098** is the 20% darker color. If you saturate the color by 10%, you get **66.5780, -0.2850, -48.7419**, and if you desaturate by 10%, it is **72.9430, -0.4649, -37.6610**.

Distribution



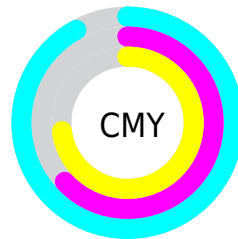
- Red (8%)
- Green (37%)
- Blue (27%)



- Red (8%)
- Yellow (26%)
- Blue (37%)



- Cyan (78%)
- Magenta (0%)
- Yellow (27%)
- Black (63%)



- Cyan (92%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.9100, -0.4486, -42.8941 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 69.9100, -0.4486, -42.8941 by changing the saturation by 10% instead.

■ 69.9100, -0.4486,
-42.8941

■ 69.9100, -0.4486,
-42.8941

255.0000, 0.0000,
0.0000

■ 47.0350, -0.0173,
-41.2497

■ 122.0630, -2.4961,
-39.5203

■ 31.1400, -2.5340,
-27.3098

■ 148.6500, -2.7854,
-40.0350

■ 16.4360, -8.1029,
-14.4144

■ 176.1230, -3.5116,
-40.4499

■ 0.0000, 0.0000,
0.0000

■ 203.8240, -3.3642,
-41.0646

■ 230.6500, -2.7855,
-40.0351

■ 242.2140, 5.3175,

-25.6207

251.1130, 1.9163,
-7.9921

69.9100, -0.4486,
-42.8941

69.9100, -0.4486,
-42.8941

66.5780, -0.2850,
-48.7419

72.9430, -0.4649,
-37.6610

63.4310, -0.7055,
-53.8750

76.3890, -0.1918,
-31.9132

62.8330, -0.4107,
-55.1045

79.4220, -0.2080,
-26.6801

82.7540, -0.3717,
-20.8323

86.2000, -0.0986,
-15.0844

■ 89.2330, -0.1149,
-9.8513

■ 92.2660, -0.1311,
-4.6183

■ 95.7120, 0.1420,
1.1296

■ 98.7450, 0.1257,
6.3626

Harmonies

Analogous

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



77.3020, -14.9389, -15.1739



69.9100, -0.4486, -42.8941



67.0680, 13.2775, -58.8186

Triad

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



69.9100, -0.4486, -42.8941



81.9050, 24.2038, -16.5797



83.3930, -15.9697, 35.6123

Complementary

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



69.9100, -0.4486, -42.8941



46.0900, 0.4486, 42.8941

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.



83.9880, -4.9241, 39.4755



69.9100, -0.4486, -42.8941



86.3170, 16.1127, 12.0000

Square

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



69.9100, -0.4486, -42.8941



67.6500, 30.7385, -59.3291



85.8050, 6.0121, 31.7430



82.5950, -22.4783, 23.1572

Rectangle

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



69.9100, -0.4486, -42.8941



68.3050, 20.5556, -59.9035



85.8050, 6.0121, 31.7430



83.3270, -12.4862, 38.3012

Sweetspot

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



69.9100, -0.4486, -42.8941



112.6020, 0.1962, -16.3140



72.5110, -25.3949, -21.4961



55.2330, -0.1149, -9.8513



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



69.9100, -0.4486, -42.8941



83.6530, -0.8149, -65.4707



67.0040, 13.8020, -40.3455



46.6900, 0.1528, -2.3591



74.0660, -0.5255, -64.9559



158.5500, -1.7502, -139.0483

Inverse Universe

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



46.0900, 0.4486, 42.8941



47.3470, 0.8149, 65.4707



48.9960, -13.8020, 40.3455



45.3100, -0.1528, 2.3591



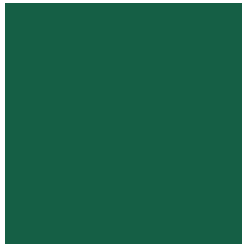
37.9340, 0.5255, 64.9559



81.3360, 1.3134, 139.1483

Previews

White Background



This preview shows how the YUV color 69.9100, -0.4486, -42.8941 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



This preview shows how the YUV color 69.9100, -0.4486, -42.8941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

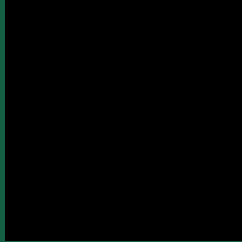
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.9100, -0.4486, -42.8941

Background



This preview shows how black text looks on a background with the YUV color 69.9100, -0.4486, -42.8941.



This preview shows how white text looks on a background with the YUV color 69.9100, -0.4486,

-42.8941.

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

69.9100, -0.4486, -42.8941

Protanopia

82.6280, -9.1836, 5.5882

Deuteranopia

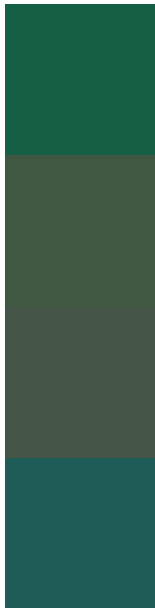
83.5730, -5.7055, 10.0215



Tritanopia

75.7660, 11.4544, -33.9978

Trichromacy



Original Color

69.9100, -0.4486, -42.8941

Protanomaly

77.7290, -5.7824, -12.0403

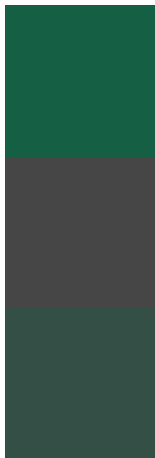
Deuteranomaly

78.3210, -3.6093, -9.0515

Tritanomaly

73.3050, 7.2446, -37.1015

Monochromacy



Original Color

69.9100, -0.4486, -42.8941

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9010, 0.0488, -15.6992

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.9100, -0.4486, -42.8941 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(21, 95, 69)` looks like.

```
.text, #text, p{  
    color:rgb(21, 95, 69)  
}
```

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(21, 95, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 95, 69) }
```

Border

The CSS property to change the border of an element to YUV 69.9100, -0.4486, -42.8941 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(21, 95, 69) }
```


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

```
.border{ border-color:rgb(21, 95, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 95, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 95, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 95, 69);  
box-shadow:4px 4px 4px 4px rgb(21, 95, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.9100, -0.4486, -42.8941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 95, 69) }
```

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

```
.background{ background-color: rgb(21, 95,  
69) }
```

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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