

Converting Colors

YUV(66.8590, 6.9715, -42.8493)

Have a look what the booklet for
YUV(66.8590, 6.9715, -42.8493)
contains.

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Color

**YUV(66.8590, 6.9715,
-42.8493)**

Conversions

Conversions Part 1

Format	Color
Hex	125951
RGB	18, 89, 81
RGB Percent	7%, 35%, 32%
CMY	0.9294, 0.6510, 0.6824
CMYK	0.80, 0.00, 0.09, 0.65
HSL	173°, 66%, 21%
HSV	173°, 80%, 35%
XYZ	5.3070, 7.8674, 9.0234
YIQ	66.8590, -39.7480, -17.5400

Conversions

Conversions Part 2

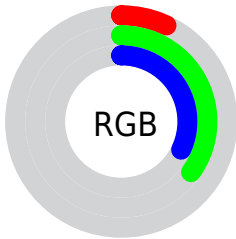
Format	Color
R_{YB}	18, 56, 89
Decimal	1202513
CIE _{Lab}	33.71, -23.14, -1.50
CIE _{LCh}	34, 23.189, 183.704
Yxy	7.8674, 0.2391, 0.3544
Android (android.graphics.Color)	4279392593 (0xFF125951)
YUV	66.8590, 6.9715, -42.8493
Hunter-Lab	28.0490, -15.3124, 0.5605




Details

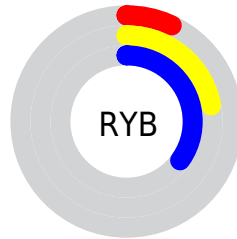
The YUV color **66.8590, 6.9715, -42.8493** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **40.1410, -6.9715, 42.8493**, and the grayscale version is **67.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **118.8380, 5.5029, -38.4459**, and **29.4590, 3.7177, -25.8355** is the 20% darker color. If you saturate the color by 10%, you get **64.0540, 7.8614, -48.2824**, and if you desaturate by 10%, it is **69.6640, 6.0816, -37.4163**.

Distribution







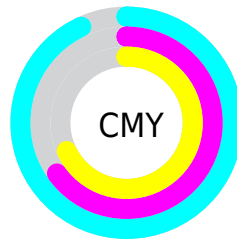
-  Red (7%)
-  Green (35%)
-  Blue (32%)






-  Red (7%)
-  Yellow (22%)
-  Blue (35%)



-  Cyan (80%)
-  Magenta (0%)
-  Yellow (9%)
-  Black (65%)



-  Cyan (93%)
-  Magenta (65%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.8590, 6.9715, -42.8493 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 66.8590, 6.9715, -42.8493 by changing the saturation by 10% instead.

■ 66.8590, 6.9715,
-42.8493

■ 66.8590, 6.9715,
-42.8493

■ 255.0000, 0.0000,
0.0000

■ 44.7670, 6.5239,
-39.2607

■ 118.8380, 5.5029,
-38.4459

■ 29.4590, 3.7177,
-25.8355

■ 145.4250, 5.2135,
-38.9607

■ 14.7380, 0.6222,
-12.9252

■ 172.4250, 5.2135,
-38.9607

■ 0.0000, 0.0000,
0.0000

■ 200.1260, 5.3609,
-39.5755

■ 228.7130, 5.0715,
-40.0903

■ 241.8440, 6.4859,

-27.0502

250.5150, 2.2111,
-9.2217

66.8590, 6.9715,
-42.8493

66.8590, 6.9715,
-42.8493

64.0540, 7.8614,
-48.2824

69.6640, 6.0816,
-37.4163

61.2490, 8.7512,
-53.7154

72.4690, 5.1918,
-31.9833

75.2740, 4.3019,
-26.5503

78.0790, 3.4121,
-21.1173

80.5850, 2.6696,
-16.2990

■ 83.3900, 1.7797,
-10.8660

■ 86.1950, 0.8899,
-5.4330

■ 89.0000, 0.0000,
0.0000

■ 91.8050, -0.8899,
5.4330

Harmonies

Analogous

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



72.7770, -5.3131, -22.6064



66.8590, 6.9715, -42.8493



62.9420, 17.7766, -55.2001

Triad

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



66.8590, 6.9715, -42.8493



81.0940, 14.2507, 2.5486



79.3050, -15.9264, 21.6575

Complementary

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



66.8590, 6.9715, -42.8493



40.1410, -6.9715, 42.8493

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.



80.2550, -9.9857, 29.5944



66.8590, 6.9715, -42.8493



81.3690, 7.2131, 19.8474

Square

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



66.8590, 6.9715, -42.8493



76.9280, 19.2625, -18.3539



81.1330, -1.5446, 28.8244



77.7720, -17.6356, 9.8470

Rectangle

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



66.8590, 6.9715, -42.8493



63.9790, 21.7024, -54.3556



81.1330, -1.5446, 28.8244



79.0820, -14.3374, 25.3611

Sweetspot

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



66.8590, 6.9715, -42.8493



106.2860, 2.8170, -16.9138



62.0690, -21.7260, -31.6325



53.6890, 1.6323, -10.2513



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.



66.8590, 6.9715, -42.8493



80.6280, 10.5364, -66.3258



51.9220, 18.2795, -29.7496



41.8040, 0.5896, -2.4591



73.6390, 10.5310, -64.5814



161.6570, 22.8471, -141.7732

Inverse Universe

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



40.1410, -6.9715, 42.8493



39.2580, -10.9732, 66.4257



55.0780, -18.2795, 29.7496



40.3100, -0.1528, 2.3591



33.3610, -10.5310, 64.5814



73.2290, -23.2839, 141.8732

Previews

White Background



This preview shows how the YUV color 66.8590, 6.9715, -42.8493 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 66.8590, 6.9715, -42.8493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

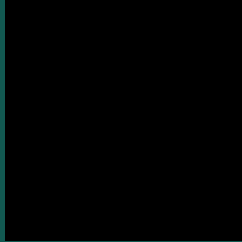
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.8590, 6.9715, -42.8493

Background



This preview shows how black text looks on a background with the YUV color 66.8590, 6.9715, -42.8493.



This preview shows how white text looks on a background with the YUV color 66.8590, 6.9715, -42.8493.

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

66.8590, 6.9715, -42.8493

Protanopia

79.1420, -2.0420, 1.6295

Deuteranopia

80.1900, 1.8783, 4.2184



Tritanopia

70.1570, 11.7546, -36.9717

Trichromacy



Original Color

66.8590, 6.9715, -42.8493

Protanomaly

74.8410, 1.0644, -14.7696

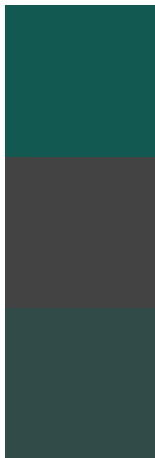
Deuteranomaly

75.2480, 3.8217, -12.4955

Tritanomaly

68.9780, 9.8708, -39.4457

Monochromacy



Original Color

66.8590, 6.9715, -42.8493

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.8840, 2.5222, -15.6843

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.8590, 6.9715, -42.8493 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(18, 89, 81)` looks like.

```
.text, #text, p{  
    color:rgb(18, 89, 81)  
}
```

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(18, 89, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 89, 81) }
```

Border

The CSS property to change the border of an element to YUV 66.8590, 6.9715, -42.8493 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(18, 89, 81) }
```


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

```
.border{ border-color:rgb(18, 89, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 89, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 89, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 89, 81);  
box-shadow:4px 4px 4px 4px rgb(18, 89, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.8590, 6.9715, -42.8493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 89, 81) }
```

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

```
.background{ background-color: rgb(18, 89,  
81) }
```

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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