

Converting Colors

YUV(90.5990, -8.6763, -17.1883)

Have a look what the booklet for
YUV(90.5990, -8.6763, -17.1883)
contains.

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Color

**YUV(90.5990, -8.6763,
-17.1883)**

Conversions

Conversions Part 1

Format	Color
Hex	476849
RGB	71, 104, 73
RGB Percent	28%, 41%, 29%
CMY	0.7216, 0.5922, 0.7137
CMYK	0.32, 0.00, 0.30, 0.59
HSL	124°, 19%, 34%
HSV	124°, 32%, 41%
XYZ	8.7514, 11.7213, 8.1045
YIQ	90.5990, -9.7170, -16.6370

Conversions

Conversions Part 2

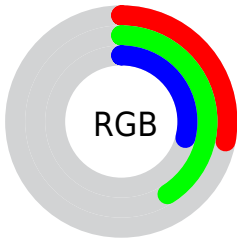
Format	Color
R_{YB}	71, 102, 104
Decimal	4679753
CIE Lab	40.77, -18.92, 13.75
CIE LCh	41, 23.386, 143.992
Yxy	11.7213, 0.3062, 0.4102
Android (android.graphics.Color)	4282869833 (0xFF476849)
YUV	90.5990, -8.6763, -17.1883
Hunter-Lab	34.2363, -14.2856, 9.9302

Details

The YUV color **90.5990, -8.6763, -17.1883** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **84.4010, 8.6763, 17.1883**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7730, -9.2551, -18.2179**, and **44.2400, -7.5133, -16.8735** is the 20% darker color. If you saturate the color by 10%, you get **86.4690, -11.5702, -22.3363**, and if you desaturate by 10%, it is **94.7290, -5.7824, -12.0403**.

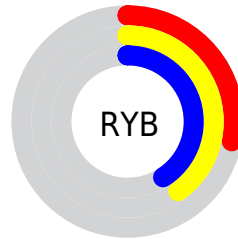
Distribution



 Red (28%)

 Green (41%)

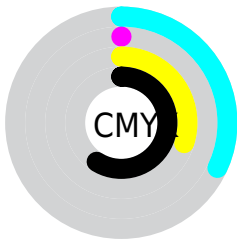
 Blue (29%)



 Red (28%)

 Yellow (40%)

 Blue (41%)

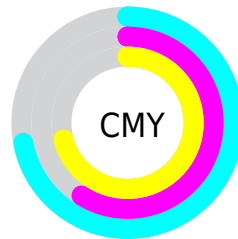


 Cyan (32%)


 Magenta (0%)

 Yellow (30%)

 Black (59%)



 Cyan (72%)

 Magenta (59%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.5990, -8.6763, -17.1883 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 90.5990, -8.6763, -17.1883 by changing the saturation by 10% instead.

■ 90.5990, -8.6763,
-17.1883

■ 90.5990, -8.6763,
-17.1883

255.0000, 0.0000,
0.0000

■ 67.0120, -8.3869,
-16.6735

■ 140.7730, -9.2551,
-18.2179

■ 44.2400, -7.5133,
-16.8735

■ 167.6590, -9.6919,
-18.1179

■ 22.3110, -8.5343,
-16.0587

■ 194.8330,
-10.2707, -19.1475

■ 2.9350, -1.4470,
-2.5740

■ 222.8330,
-10.2707, -19.1475

■ 0.0000, 0.0000,
0.0000

■ 244.3760, -7.0874,
-13.4848

■ 90.5990, -8.6763,
-17.1883

■ 90.5990, -8.6763,
-17.1883

■ 86.4690, -11.5702,
-22.3363

■ 94.7290, -5.7824,
-12.0403

■ 82.0400, -14.3167,
-28.0991

■ 99.1580, -3.0359,
-6.2776

■ 78.0240, -16.7738,
-33.3470

■ 103.1740, -0.5788,
-1.0296

■ 73.5950, -19.5203,
-39.1098

■ 107.6030, 2.1677,
4.7332

■ 69.4650, -22.4142,
-44.2578

■ 111.7330, 5.0616,
9.8812

■ 65.3350, -25.3082,
-49.4058

■ 115.8630, 7.9555,
15.0291

■ 61.7320, -27.4759,
-54.1390

■ 120.1780, 10.2652,
20.8919

■ 124.3080, 13.1592,

26.0399

■ 128.7370, 15.9057,
31.8027

Harmonies

Analogous

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



93.4610, -16.0033, -0.4043



90.5990, -8.6763, -17.1883



86.6490, 2.1450, -34.7722

Triad

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



90.5990, -8.6763, -17.1883



92.2260, 20.5946, -25.6312



97.5480, -7.6652, 31.9684

Complementary

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



90.5990, -8.6763, -17.1883



84.4010, 8.6763, 17.1883

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.



98.8170, 1.0762, 28.2245



90.5990, -8.6763, -17.1883



97.3320, 16.5983, -3.7992

Square

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



90.5990, -8.6763, -17.1883



85.3930, 20.5123, -45.9487



99.0310, 9.8447, 15.7588



96.5660, -15.0690, 26.6906

Rectangle

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



90.5990, -8.6763, -17.1883



83.7600, 10.4713, -45.3935



99.0310, 9.8447, 15.7588



98.2320, -5.0444, 31.3685

Sweetspot

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



90.5990, -8.6763, -17.1883



129.6310, -3.7621, -6.6924



99.6400, -14.1195, 2.0697



65.6960, -2.3151, -4.1184



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



90.5990, -8.6763, -17.1883



114.2790, -13.4485, -26.5547



92.4230, -1.6875, -18.7880



48.9350, -1.4470, -2.5740



68.3030, -30.2224, -59.9017



143.7640, -63.4807, -126.0810

Inverse Universe

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



84.4010, 8.6763, 17.1883



104.7210, 13.4485, 26.5547



82.5770, 1.6875, 18.7880



48.0650, 1.4470, 2.5740



46.6970, 30.2224, 59.9017



98.3500, 63.9174, 125.9810

Previews

White Background



This preview shows how the YUV color 90.5990, -8.6763, -17.1883 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 × Fail

Black Background



This preview shows how the YUV color 90.5990, -8.6763, -17.1883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 90.5990, -8.6763, -17.1883

Background



This preview shows how black text looks on a background with the YUV color 90.5990, -8.6763, -17.1883.



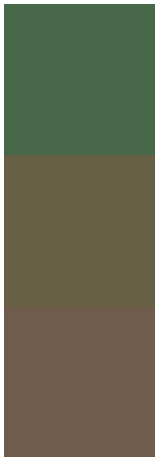
This preview shows how white text looks on a background with the YUV color 90.5990, -8.6763,

-17.1883.

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

90.5990, -8.6763, -17.1883

Protanopia

95.0150, -12.8254, 7.0028

Deuteranopia

96.1560, -9.9369, 13.8952



Tritanopia

94.0350, 6.8847, -14.9397

Trichromacy



Original Color

90.5990, -8.6763, -17.1883

Protanomaly

93.3020, -11.4879, -2.0189

Deuteranomaly

93.9050, -9.3202, 2.7143

Tritanomaly

92.5420, 1.2118, -15.3843

Monochromacy



Original Color

90.5990, -8.6763, -17.1883

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0440, -3.4727, -6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.5990, -8.6763, -17.1883 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(71, 104, 73)` looks like.

```
.text, #text, p{  
    color:rgb(71, 104, 73)  
}
```

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(71, 104, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 104, 73) }
```

Border

The CSS property to change the border of an element to YUV 90.5990, -8.6763, -17.1883 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(71, 104, 73) }
```


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

```
.border{ border-color:rgb(71, 104, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 104, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 104, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 104, 73);  
box-shadow:4px 4px 4px 4px rgb(71, 104,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 90.5990, -8.6763, -17.1883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 104, 73) }
```

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

```
.background{ background-color: rgb(71, 104,  
73) }
```

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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