

Converting Colors

YUV(91.5310, 1.2172, -17.1287)

Have a look what the booklet for
YUV(91.5310, 1.2172, -17.1287)
contains.

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Color

**YUV(91.5310, 1.2172,
-17.1287)**

Conversions

Conversions Part 1

Format	Color
Hex	48655E
RGB	72, 101, 94
RGB Percent	28%, 40%, 37%
CMY	0.7176, 0.6039, 0.6314
CMYK	0.29, 0.00, 0.07, 0.60
HSL	166°, 17%, 34%
HSV	166°, 29%, 40%
XYZ	9.3465, 11.4932, 12.3155
YIQ	91.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

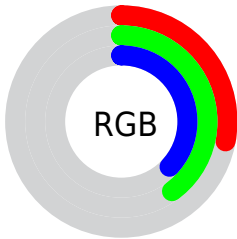
Format	Color
R_{YB}	72, 88, 101
Decimal	4744542
CIE _{Lab}	40.40, -12.31, 0.52
CIE _{LCh}	40, 12.325, 177.594
Yxy	11.4932, 0.2819, 0.3466
Android (android.graphics.Color)	4282934622 (0xFF48655E)
YUV	91.5310, 1.2172, -17.1287
Hunter-Lab	33.9017, -10.1162, 2.1929

Details

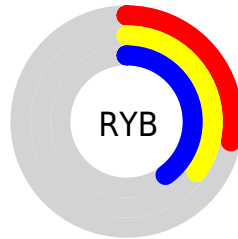
The YUV color **91.5310, 1.2172, -17.1287** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **81.4690, -1.2172, 17.1287**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8190, 1.0752, -18.2583**, and **44.9440, 1.5066, -16.6139** is the 20% darker color. If you saturate the color by 10%, you get **88.3130, 1.8177, -23.0765**, and if you desaturate by 10%, it is **94.7490, 0.6167, -11.1809**.

Distribution



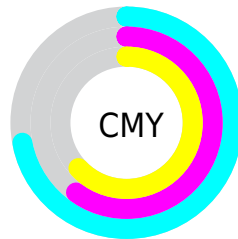
- Red (28%)
- Green (40%)
- Blue (37%)



- Red (28%)
- Yellow (35%)
- Blue (40%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (60%)



- Cyan (72%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.5310, 1.2172, -17.1287 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 91.5310, 1.2172, -17.1287 by changing the saturation by 10% instead.

91.5310, 1.2172,
-17.1287

91.5310, 1.2172,
-17.1287

255.0000, 0.0000,
0.0000

67.8300, 1.0698,
-16.5139

141.8190, 1.0752,
-18.2583

44.9440, 1.5066,
-16.6139

168.5200, 1.2226,
-18.8730

23.9440, 1.5066,
-16.6139

195.5200, 1.2226,
-18.8730

1.7610, -0.8682,
-1.5444

224.1070, 0.9332,
-19.3878

0.0000, 0.0000,
0.0000

247.5250, 3.6852,
-15.3694

■ 91.5310, 1.2172,
-17.1287

■ 91.5310, 1.2172,
-17.1287

■ 88.3130, 1.8177,
-23.0765

■ 94.7490, 0.6167,
-11.1809

■ 84.9810, 1.9814,
-28.9243

■ 98.0810, 0.4531,
-5.3330

■ 81.7630, 2.5818,
-34.8722

■ 101.2990, -0.1474,
0.6148

■ 78.4310, 2.7455,
-40.7200

■ 104.6310, -0.3111,
6.4626

■ 75.2130, 3.3460,
-46.6678

■ 108.1480, -1.0590,
13.0252

■ 71.5820, 3.6571,
-53.1304

■ 111.4800, -1.2226,
18.8730

■ 68.3640, 4.2575,
-59.0782

■ 114.6980, -1.8231,
24.8209

■ 68.0650, 4.4050,

■ 118.0300, -1.9868,

-59.6930

30.6687

■ 121.2480, -2.5873,
36.6165

Harmonies

Analogous

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



92.4950, -4.1880, -10.0811



91.5310, 1.2172, -17.1287



91.4750, 6.1748, -20.5876

Triad

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



91.5310, 1.2172, -17.1287



96.1770, 8.2937, -0.1552



95.9110, -8.3371, 14.1101

Complementary

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



91.5310, 1.2172, -17.1287



81.4690, -1.2172, 17.1287

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.



96.7310, -5.2904, 16.8989



91.5310, 1.2172, -17.1287



97.2060, 4.3354, 9.4663

Square

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



91.5310, 1.2172, -17.1287



94.2790, 10.2155, -9.8917



96.9850, -0.4856, 15.7992



94.8240, -9.7732, 8.0474

Rectangle

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



91.5310, 1.2172, -17.1287



92.1700, 8.7902, -19.4431



96.9850, -0.4856, 15.7992



96.1500, -7.4689, 15.6545

Sweetspot

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



91.5310, 1.2172, -17.1287



126.0700, 0.4585, -7.0774



91.1160, -9.4242, -10.6257



63.7930, 0.5951, -4.2035



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



91.5310, 1.2172, -17.1287



115.5900, 1.6811, -25.9504



88.2200, 6.3005, -14.2249



49.3910, 0.3002, -2.9739



77.4230, 4.7215, -67.9000



163.0300, 10.3382, -142.9773

Inverse Universe

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



81.4690, -1.2172, 17.1287



100.4100, -1.6811, 25.9504



84.7800, -6.3005, 14.2249



47.6090, -0.3002, 2.9739



37.5770, -4.7215, 67.9000



78.9700, -10.3382, 142.9773

Previews

White Background



This preview shows how the YUV color 91.5310, 1.2172, -17.1287 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 91.5310, 1.2172, -17.1287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

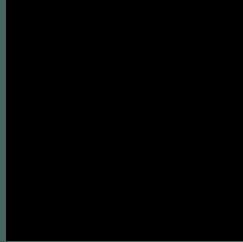
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

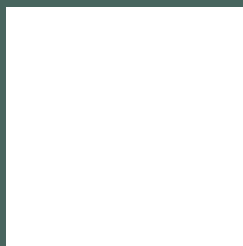
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 91.5310, 1.2172, -17.1287

Background



This preview shows how black text looks on a background with the YUV color 91.5310, 1.2172, -17.1287.



This preview shows how white text looks on a background with the YUV color 91.5310, 1.2172, -17.1287.

-17.1287.

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

91.5310, 1.2172, -17.1287

Protanopia

95.3270, -2.6262, 2.3442

Deuteranopia

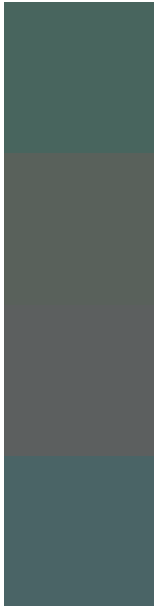
96.0440, -0.0217, 6.9774



Tritanopia

92.7360, 7.0322, -15.5545

Trichromacy



Original Color

91.5310, 1.2172, -17.1287

Protanomaly

93.9240, -1.4415, -4.3183

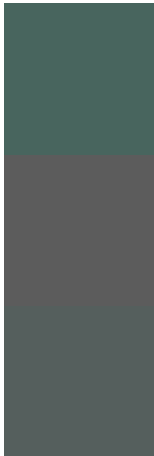
Deuteranomaly

94.1030, 0.4422, -1.8443

Tritanomaly

92.4540, 4.7062, -16.1842

Monochromacy



Original Color

91.5310, 1.2172, -17.1287

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7820, 0.6005, -5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.5310, 1.2172, -17.1287 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(72, 101, 94)` looks like.

```
.text, #text, p{  
    color:rgb(72, 101, 94)  
}
```

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(72, 101, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 101, 94) }
```

Border

The CSS property to change the border of an element to YUV 91.5310, 1.2172, -17.1287 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(72, 101, 94) }
```


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

```
.border{ border-color:rgb(72, 101, 94) }
```

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

Here you see how a box with a 4 pixel rgb(72, 101, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 101, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 101, 94);  
box-shadow:4px 4px 4px 4px rgb(72, 101,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 91.5310, 1.2172, -17.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 101, 94) }
```

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

```
.background{ background-color: rgb(72, 101,  
94) }
```

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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