

Converting Colors

YUV(99.9890, -3.4456, -14.8994)

Have a look what the booklet for
YUV(99.9890, -3.4456, -14.8994)
contains.

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Color

**YUV(99.9890, -3.4456,
-14.8994)**

Conversions

Conversions Part 1

Format	Color
Hex	536E5D
RGB	83, 110, 93
RGB Percent	33%, 43%, 36%
CMY	0.6745, 0.5686, 0.6353
CMYK	0.25, 0.00, 0.15, 0.57
HSL	142°, 14%, 38%
HSV	142°, 25%, 43%
XYZ	11.1190, 13.7812, 12.4299
YIQ	99.9890, -10.6350, -11.0110

Conversions

Conversions Part 2

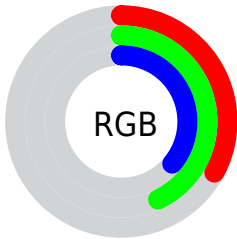
Format	Color
R_{YB}	83, 103, 110
Decimal	5467741
CIE _{Lab}	43.92, -13.73, 6.28
CIE _{LCh}	44, 15.098, 155.400
Yxy	13.7812, 0.2979, 0.3692
Android (android.graphics.Color)	4283657821 (0xFF536E5D)
YUV	99.9890, -3.4456, -14.8994
Hunter-Lab	37.1230, -11.5014, 6.1340

Details

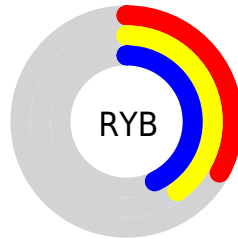
The YUV color **99.9890, -3.4456, -14.8994** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **93.0110, 3.4456, 14.8994**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1630, -4.0244, -15.9290**, and **52.8150, -2.8668, -13.8698** is the 20% darker color. If you saturate the color by 10%, you get **95.9020, -4.8817, -20.9621**, and if you desaturate by 10%, it is **104.0760, -2.0095, -8.8367**.

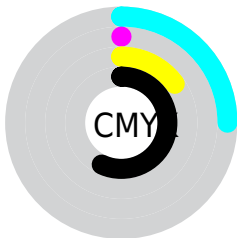
Distribution



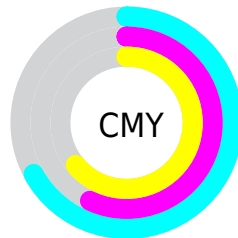
- Red (33%)
- Green (43%)
- Blue (36%)



- Red (33%)
- Yellow (40%)
- Blue (43%)



- Cyan (25%)
- Magenta (0%)
- Yellow (15%)
- Black (57%)



- Cyan (67%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.9890, -3.4456, -14.8994 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 99.9890, -3.4456, -14.8994 by changing the saturation by 10% instead.

■ 99.9890, -3.4456,
-14.8994

■ 99.9890, -3.4456,
-14.8994

■ 255.0000, 0.0000,
0.0000

■ 75.9890, -3.4456,
-14.8994

■ 151.1630, -4.0244,
-15.9290

■ 52.8150, -2.8668,
-13.8698

■ 177.8640, -3.8770,
-16.5437

■ 31.2280, -2.5774,
-13.3550

■ 205.4510, -4.1663,
-17.0585

■ 12.3270, -6.0772,
-10.8108

■ 233.4510, -4.1663,
-17.0585

■ 0.0000, 0.0000,
0.0000

■ 251.2980, 1.3321,
-7.2773

■ 99.9890, -3.4456,
-14.8994

■ 99.9890, -3.4456,
-14.8994

■ 95.9020, -4.8817,
-20.9621

■ 104.0760, -2.0095,
-8.8367

■ 91.8150, -6.3178,
-27.0248

■ 108.1630, -0.5734,
-2.7740

■ 87.7280, -7.7539,
-33.0875

■ 112.2500, 0.8628,
3.2888

■ 83.6410, -9.1900,
-39.1502

■ 116.3370, 2.2989,
9.3515

■ 79.5540, -10.6261,
-45.2129

■ 120.4240, 3.7350,
15.4142

■ 75.4670, -12.0622,
-51.2756

■ 124.5110, 5.1711,
21.4769

■ 71.4940, -13.0615,
-57.4382

■ 128.4840, 6.1704,
27.6395

■ 69.2440, -13.9243,

■ 132.5710, 7.6065,

-60.7270

33.7022

■ 136.6580, 9.0426,
39.7649

Harmonies

Analogous

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



101.2740, -9.0091, -3.7483



99.9890, -3.4456, -14.8994



98.7690, 3.5649, -23.4764

Triad

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



99.9890, -3.4456, -14.8994



103.2620, 12.6888, -9.8768



105.1830, -7.4852, 20.8875

Complementary

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



99.9890, -3.4456, -14.8994



93.0110, 3.4456, 14.8994

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.



105.9640, -1.9543, 20.2026



99.9890, -3.4456, -14.8994



105.4270, 9.1565, 3.1335

Square

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



99.9890, -3.4456, -14.8994



100.7830, 12.4320, -20.8577



105.8260, 4.0298, 14.1846



104.4120, -11.5421, 15.4247

Rectangle

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



99.9890, -3.4456, -14.8994



98.7840, 7.5015, -26.1206



105.8260, 4.0298, 14.1846



105.3510, -5.5960, 21.6172

Sweetspot

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



99.9890, -3.4456, -14.8994



139.3260, -1.1467, -5.5479



103.9320, -10.3195, -3.4484



69.1630, -0.5734, -2.7740



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



99.9890, -3.4456, -14.8994



127.4780, -5.1657, -23.2212



101.4710, 2.2328, -16.1991



53.8640, -0.4260, -3.3887



75.4560, -15.5078, -66.1749



155.4770, -31.2942, -136.3533

Inverse Universe

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



93.0110, 3.4456, 14.8994



116.5220, 5.1657, 23.2212



91.5290, -2.2328, 16.1991



52.2500, 0.8628, 3.2888



44.4300, 15.0710, 66.2749



91.6370, 31.7310, 136.2534

Previews

White Background



This preview shows how the YUV color 99.9890, -3.4456, -14.8994 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 99.9890, -3.4456, -14.8994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

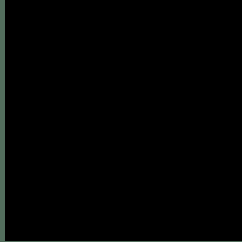
Any Text WCAG AA × Fail

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 99.9890, -3.4456, -14.8994 Background



This preview shows how black text looks on a background with the YUV color 99.9890, -3.4456, -14.8994.



This preview shows how white text looks on a background with the YUV color 99.9890, -3.4456,

-14.8994.

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

99.9890, -3.4456, -14.8994

Protanopia

103.3120, -6.5628, 4.9884

Deuteranopia

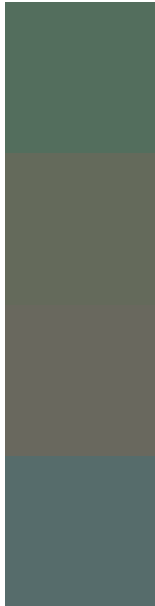
104.5130, -4.6899, 10.9511



Tritanopia

101.9320, 6.4425, -13.0954

Trichromacy



Original Color

99.9890, -3.4456, -14.8994

Protanomaly

102.4960, -5.6675, -2.1890

Deuteranomaly

103.1590, -4.5154, 1.6146

Tritanomaly

101.3080, 2.8062, -13.4251

Monochromacy



Original Color

99.9890, -3.4456, -14.8994

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.2120, -1.5835, -5.4479

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9890, -3.4456, -14.8994 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(83, 110, 93)` looks like.

```
.text, #text, p{  
    color:rgb(83, 110, 93)  
}
```

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(83, 110, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 110, 93) }
```

Border

The CSS property to change the border of an element to YUV 99.9890, -3.4456, -14.8994 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(83, 110, 93) }
```


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

```
.border{ border-color:rgb(83, 110, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 110, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 110, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 110, 93);  
box-shadow:4px 4px 4px 4px rgb(83, 110,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 99.9890, -3.4456, -14.8994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 110, 93) }
```

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

```
.background{ background-color: rgb(83, 110,  
93) }
```

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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