

Converting Colors

YUV(94.9840, 10.8539,
-28.0500)

Have a look what the booklet for
YUV(94.9840, 10.8539, -28.0500)
contains.

YUV(94.9840, 10.8539, -28.0500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(94.9840, 10.8539,
-28.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	3F6B75
RGB	63, 107, 117
RGB Percent	25%, 42%, 46%
CMY	0.7529, 0.5804, 0.5412
CMYK	0.46, 0.09, 0.00, 0.54
HSL	191°, 30%, 35%
HSV	191°, 46%, 46%
XYZ	10.5185, 12.8565, 18.7568
YIQ	94.9840, -29.4340, -6.2180

Conversions

Conversions Part 2

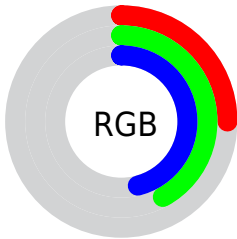
Format	Color
R_{YB}	63, 87, 117
Decimal	4156277
CIE _{Lab}	42.55, -12.30, -10.34
CIE _{LCh}	43, 16.070, 220.054
Yxy	12.8565, 0.2497, 0.3051
Android (android.graphics.Color)	4282346357 (0xFF3F6B75)
YUV	94.9840, 10.8539, -28.0500
Hunter-Lab	35.8560, -10.3843, -5.9163




Details

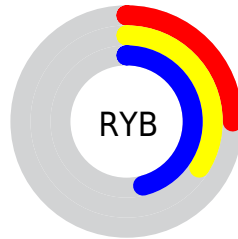
The YUV color **94.9840, 10.8539, -28.0500** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **85.0160, -10.8539, 28.0500**, and the grayscale version is **95.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **146.0980, 11.2907, -28.1499**, and **45.7770, 11.4489, -32.2534** is the 20% darker color. If you saturate the color by 10%, you get **90.2220, 13.2016, -34.3977**, and if you desaturate by 10%, it is **99.7460, 8.5062, -21.7022**.

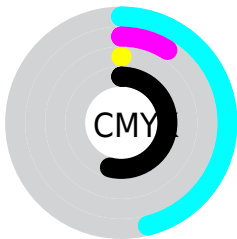
Distribution







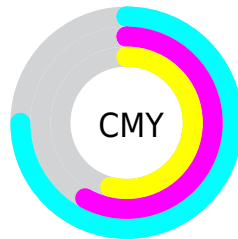
-  Red (25%)
-  Green (42%)
-  Blue (46%)






-  Red (25%)
-  Yellow (34%)
-  Blue (46%)



-  Cyan (46%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (75%)
-  Magenta (58%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9840, 10.8539, -28.0500 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 94.9840, 10.8539, -28.0500 by changing the saturation by 10% instead.

■ 94.9840, 10.8539,
-28.0500

■ 94.9840, 10.8539,
-28.0500

255.0000, 0.0000,
0.0000

■ 70.5710, 10.5645,
-28.5648

■ 146.0980, 11.2907,
-28.1499

■ 45.7770, 11.4489,
-32.2534

■ 172.7990, 11.4381,
-28.7647

■ 27.6640, 9.5326,
-24.2613

■ 200.7990, 11.4381,
-28.7647

■ 12.9430, 6.4371,
-11.3510

■ 229.2010, 11.7329,
-29.9943

■ 0.0000, 0.0000,
0.0000

■ 245.7310, 4.5696,
-19.0581

254.4020, 0.2948,

-1.2296

■ 94.9840, 10.8539,
-28.0500

■ 94.9840, 10.8539,
-28.0500

■ 90.2220, 13.2016,
-34.3977

■ 99.7460, 8.5062,
-21.7022

■ 85.7590, 15.4018,
-40.1306

■ 104.2090, 6.3060,
-15.9693

■ 80.9970, 17.7495,
-46.4784

■ 109.5580, 3.6689,
-10.1364

■ 75.6480, 20.3865,
-52.3113

■ 114.3200, 1.3212,
-3.7886

■ 70.8860, 22.7342,
-58.6590

■ 119.0820, -1.0264,
2.5591

■ 69.1030, 23.6132,
-60.6033

■ 123.5450, -3.2267,
8.2920

■ 128.3070, -5.5744,
14.6398

■ 133.0690, -7.9220,
20.9875

■ 137.5320,
-10.1223, 26.7204

Harmonies

Analogous

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



94.8010, 5.0281, -26.1355



94.9840, 10.8539, -28.0500



97.1250, 13.7424, -21.1576

Triad

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



94.9840, 10.8539, -28.0500



102.7230, 3.5876, 16.0289



99.4170, -12.5306, 5.7733

Complementary

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



94.9840, 10.8539, -28.0500



85.0160, -10.8539, 28.0500

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.



100.8850, -12.2683, 15.0099



94.9840, 10.8539, -28.0500



102.3340, -3.1227, 21.6321

Square

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



94.9840, 10.8539, -28.0500



102.4380, 9.1511, 4.8779



101.8410, -8.7956, 21.1874



97.9640, -8.8563, -6.1074

Rectangle

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



94.9840, 10.8539, -28.0500



99.4680, 13.5733, -13.5654



101.8410, -8.7956, 21.1874



100.0260, -12.8308, 8.7472

Sweetspot

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



94.9840, 10.8539, -28.0500



144.3730, 4.2531, -10.8511



95.8380, -11.2591, -28.7989



71.0530, 2.9319, -7.0625



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



94.9840, 10.8539, -28.0500



118.4920, 17.0124, -43.4045



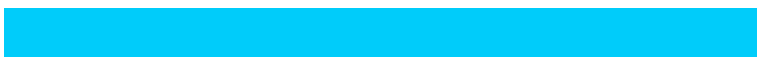
79.1350, 18.6674, -14.1504



56.6190, 1.1738, -3.1739



72.6080, 24.3503, -63.6772



148.2480, 50.1637, -130.0135

Inverse Universe

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



84.1620, 11.2591, 28.7989



101.8680, 17.3201, 44.8428



100.8650, -18.6674, 14.1504



55.3640, 1.2995, 3.1888



47.8780, 25.6961, 65.0050



98.0060, 52.2550, 133.2987

Previews

White Background



This preview shows how the YUV color 94.9840, 10.8539, -28.0500 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 94.9840, 10.8539, -28.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

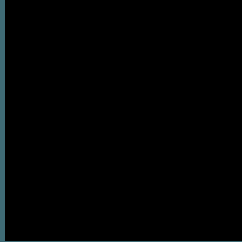
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.9840, 10.8539, -28.0500

Background



This preview shows how black text looks on a background with the YUV color 94.9840, 10.8539, -28.0500.



This preview shows how white text looks on a background with the YUV color 94.9840, 10.8539,

-28.0500.

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

94.9840, 10.8539, -28.0500

Protanopia

100.1830, 5.8258, -1.9145

Deuteranopia

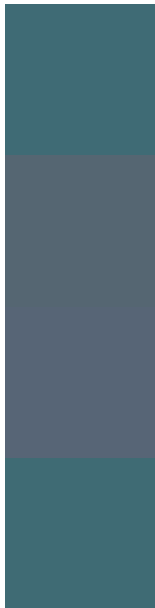
101.2910, 8.7305, -0.2552



Tritanopia

94.8700, 10.4171, -27.9500

Trichromacy



Original Color

94.9840, 10.8539, -28.0500

Protanomaly

98.2850, 7.7475, -11.6509

Deuteranomaly

98.7520, 9.4893, -10.3065

Tritanomaly

94.8700, 10.4171, -27.9500

Monochromacy



Original Color

94.9840, 10.8539, -28.0500

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.6720, 4.1057, -10.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9840, 10.8539, -28.0500 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(63, 107, 117)` looks like.

```
.text, #text, p{  
    color:rgb(63, 107, 117)  
}
```

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(63, 107, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 107, 117) }
```

Border

The CSS property to change the border of an element to YUV 94.9840, 10.8539, -28.0500 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(63, 107, 117) }
```


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

```
.border{ border-color:rgb(63, 107, 117) }
```

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

Here you see how a box with a 4 pixel rgb(63, 107, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 107, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 107, 117);  
box-shadow:4px 4px 4px 4px rgb(63, 107,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 94.9840, 10.8539, -28.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 107, 117) }
```

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

```
.background{ background-color: rgb(63, 107,  
117) }
```

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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