

Converting Colors

YUV(135.7690, 0.1139,
-36.6314)

Have a look what the booklet for
YUV(135.7690, 0.1139, -36.6314)
contains.

YUV(135.7690, 0.1139, -36.6314)	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(135.7690, 0.1139,
-36.6314)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9D88
RGB	94, 157, 136
RGB Percent	37%, 62%, 53%
CMY	0.6314, 0.3843, 0.4667
CMYK	0.40, 0.00, 0.13, 0.38
HSL	160°, 25%, 49%
HSV	160°, 40%, 62%
XYZ	21.1170, 28.2712, 27.6365
YIQ	135.7690, -30.8070, -19.8870

Conversions

Conversions Part 2

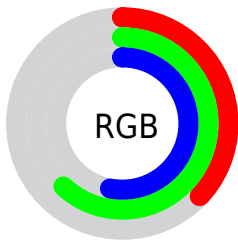
Format	Color
R_{YB}	94, 132, 157
Decimal	6200712
CIE _{Lab}	60.13, -25.33, 4.63
CIE _{LCh}	60, 25.748, 169.633
Yxy	28.2712, 0.2742, 0.3670
Android (android.graphics.Color)	4284390792 (0xFF5E9D88)
YUV	135.7690, 0.1139, -36.6314
Hunter-Lab	53.1707, -22.1565, 6.4024

Details

The YUV color **135.7690, 0.1139, -36.6314** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **115.2310, -0.1139, 36.6314**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9430, -0.4649, -37.6610**, and **83.9970, 0.9875, -36.8314** is the 20% darker color. If you saturate the color by 10%, you get **130.4150, 0.2884, -45.9680**, and if you desaturate by 10%, it is **141.1230, -0.0606, -27.2949**.

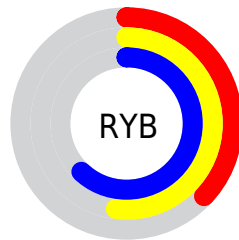
Distribution



Red (37%)

Green (62%)

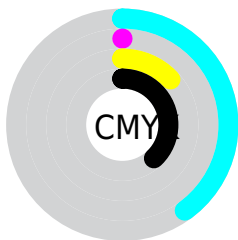
Blue (53%)



Red (37%)

Yellow (52%)

Blue (62%)

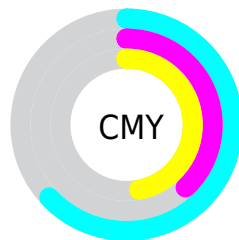


Cyan (40%)

Magenta (0%)

Yellow (13%)

Black (38%)



Cyan (63%)

Magenta (38%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7690, 0.1139, -36.6314 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 135.7690, 0.1139, -36.6314 by changing the saturation by 10% instead.

■ 135.7690, 0.1139,
-36.6314

■ 135.7690, 0.1139,
-36.6314

■ 255.0000, 0.0000,
0.0000

■ 109.8830, 0.5507,
-36.7314

■ 189.9430, -0.4649,
-37.6610

■ 83.9970, 0.9875,
-36.8314

■ 217.9430, -0.4649,
-37.6610

■ 58.3170, 2.3087,
-40.6200

■ 238.3120, 3.2972,
-30.9686

■ 38.1330, 1.4134,
-33.4426

■ 247.8240, 3.5378,
-14.7546

■ 23.5260, -1.2453,
-20.6323

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,

0.0000

■ 135.7690, 0.1139,
-36.6314

■ 135.7690, 0.1139,
-36.6314

■ 130.4150, 0.2884,
-45.9680

■ 141.1230, -0.0606,
-27.2949

■ 125.3600, 0.3155,
-54.6897

■ 146.1780, -0.0878,
-18.5731

■ 119.8920, 0.0532,
-63.9263

■ 151.6460, 0.1745,
-9.3365

■ 114.5380, 0.2278,
-73.2628

■ 157.0000, 0.0000,
0.0000

■ 109.1840, 0.4023,
-82.5994

■ 162.3540, -0.1745,
9.3365

■ 104.1290, 0.4294,
-91.3211

■ 167.4090, -0.2016,
18.0583

■ 172.8770, 0.0606,
27.2949

■ 178.2310, -0.1139,
36.6314

■ 183.2860, -0.1410,
45.3532

Harmonies

Analogous

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



139.3880, -12.0233, -17.0033



135.7690, 0.1139, -36.6314



132.7100, 12.9610, -50.6117

Triad

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



135.7690, 0.1139, -36.6314



145.6350, 20.3929, -7.5729



145.7410, -17.1273, 33.5531

Complementary

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



135.7690, 0.1139, -36.6314



115.2310, -0.1139, 36.6314

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.



147.7660, -8.2656, 37.9162



135.7690, 0.1139, -36.6314



148.1280, 12.7549, 15.6737

Square

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



135.7690, 0.1139, -36.6314



140.1050, 24.1052, -31.6641



148.5940, 2.6652, 31.9281



144.5130, -21.4519, 20.5981

Rectangle

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



135.7690, 0.1139, -36.6314



133.4200, 19.5129, -52.1113



148.5940, 2.6652, 31.9281



146.4470, -14.5174, 36.4420

Sweetspot

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



135.7690, 0.1139, -36.6314



195.9120, 0.0434, -13.9548



137.2600, -21.3272, -19.5220



97.2440, -0.1203, -8.1070



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



135.7690, 0.1139, -36.6314



170.9360, 0.0316, -56.9489



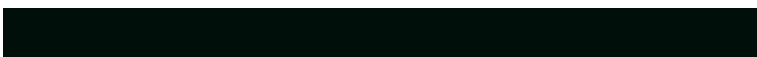
132.2930, 12.1806, -33.5830



76.2660, -0.1311, -4.6183



94.7710, 0.1129, -83.1142



9.9450, 0.0271, -8.7218

Inverse Universe

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



115.2310, -0.1139, 36.6314



139.0640, -0.0316, 56.9489



119.2940, -12.4699, 33.0682



73.7340, 0.1311, 4.6183



48.2290, -0.1129, 83.1142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 135.7690, 0.1139, -36.6314 looks on a white 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

Black Background



This preview shows how the YUV color 135.7690, 0.1139, -36.6314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

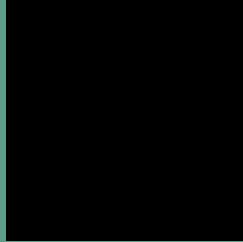
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.7690, 0.1139, -36.6314

Background



This preview shows how black text looks on a background with the YUV color 135.7690, 0.1139, -36.6314.



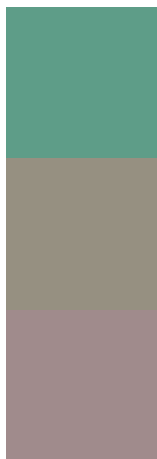
This preview shows how white text looks on a background with the YUV color 135.7690, 0.1139,

-36.6314.

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

135.7690, 0.1139, -36.6314

Protanopia

144.0840, -7.4364, 5.1883

Deuteranopia

145.3930, -2.6587, 12.8103



Tritanopia

138.8200, 12.9067, -33.1681

Trichromacy



Original Color

135.7690, 0.1139, -36.6314

Protanomaly

141.3810, -4.6248, -9.9811

Deuteranomaly

142.2120, -1.5835, -5.4479

Tritanomaly

137.2560, 8.2548, -34.4275

Monochromacy



Original Color

135.7690, 0.1139, -36.6314

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.2110, -0.1040, -13.3400

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7690, 0.1139, -36.6314 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(94, 157, 136)` looks like.

```
.text, #text, p{  
    color:rgb(94, 157, 136)  
}
```

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(94, 157, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 157, 136) }
```

Border

The CSS property to change the border of an element to YUV 135.7690, 0.1139, -36.6314 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(94, 157, 136) }
```


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

```
.border{ border-color:rgb(94, 157, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 157, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 157, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 157, 136);  
box-shadow:4px 4px 4px 4px rgb(94, 157,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 135.7690, 0.1139, -36.6314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 157, 136) }
```

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

```
.background{ background-color: rgb(94, 157,  
136) }
```

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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