

Converting Colors

YUV(135.6240, -13.1256,
9.9768)

Have a look what the booklet for
YUV(135.6240, -13.1256, 9.9768)
contains.

YUV(135.6240, -13.1256, 9.9768)	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(135.6240, -13.1256,
9.9768)**

Conversions

Conversions Part 1

Format	Color
Hex	93876D
RGB	147, 135, 109
RGB Percent	58%, 53%, 43%
CMY	0.4235, 0.4706, 0.5725
CMYK	0.00, 0.08, 0.26, 0.42
HSL	41°, 15%, 50%
HSV	41°, 26%, 58%
XYZ	23.4569, 24.6351, 17.9867
YIQ	135.6240, 15.4980, -5.5420

Conversions

Conversions Part 2

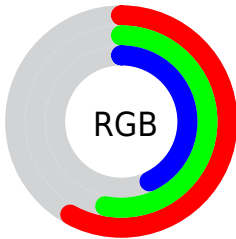
Format	Color
R_{YB}	127, 147, 109
Decimal	9668461
CIE _{Lab}	56.72, 0.19, 15.64
CIE _{LCh}	57, 15.638, 89.314
Yxy	24.6351, 0.3550, 0.3728
Android (android.graphics.Color)	4287858541 (0xFF93876D)
YUV	135.6240, -13.1256, 9.9768
Hunter-Lab	49.6338, -2.5000, 13.2576

Details

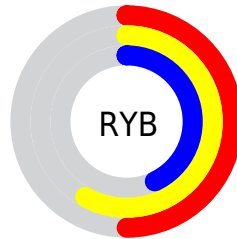
The YUV color $135.6240, -13.1256, 9.9768$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $120.3760, 13.1256, -9.9768$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.8090, -13.7098, 10.6915$, and $85.5530, -12.1046, 9.1620$ is the 20% darker color. If you saturate the color by 10%, you get $130.9790, -18.2306, 14.0504$, and if you desaturate by 10%, it is $140.2690, -8.0206, 5.9031$.

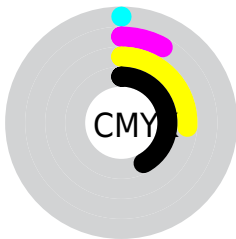
Distribution



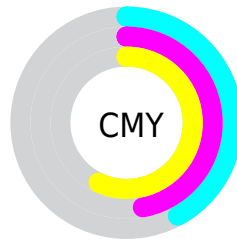
- Red (58%)
- Green (53%)
- Blue (43%)



- Red (50%)
- Yellow (58%)
- Blue (43%)



- Cyan (0%)
- Magenta (8%)
- Yellow (26%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6240, -13.1256, 9.9768 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 135.6240, -13.1256, 9.9768 by changing the saturation by 10% instead.

■ 135.6240,
-13.1256, 9.9768

■ 135.6240,
-13.1256, 9.9768

■ 255.0000, 0.0000,
0.0000

■ 110.4390,
-12.5414, 9.2620

■ 188.8090,
-13.7098, 10.6915

■ 85.5530, -12.1046,
9.1620

■ 216.9940,
-14.2940, 11.4063

■ 62.3680, -11.5204,
8.4473

■ 243.9830,
-14.2886, 9.6619

■ 40.8840, -10.7888,
7.1177

■ 253.7460, -4.8048,
1.0998

■ 20.1120, -9.9152,
6.9178

■ 0.0000, 0.0000,
0.0000

■ 135.6240,
-13.1256, 9.9768

■ 135.6240,
-13.1256, 9.9768

■ 130.9790,
-18.2306, 14.0504

■ 140.2690, -8.0206,
5.9031

■ 127.0350,
-23.1883, 17.5093

■ 144.2130, -3.0630,
2.4442

■ 122.3900,
-28.2933, 21.5830

■ 148.8580, 2.0420,
-1.6295

■ 117.7450,
-33.3983, 25.6566

■ 153.5030, 7.1470,
-5.7031

■ 113.8010,
-38.3559, 29.1155

■ 157.5610, 12.5414,
-9.2620

■ 109.1560,
-43.4609, 33.1892

■ 162.0920, 17.2096,
-13.2357

■ 105.0980,
-48.8553, 36.7481

■ 166.1500, 22.6040,
-16.7946

■ 103.2400,

■ 170.7950, 27.7091,

-50.8973, 38.3775

-20.8682

■ 175.3260, 32.3773,
-24.8419

Harmonies

Analogous

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



137.3200, -11.9898, 19.0134



135.6240, -13.1256, 9.9768



133.8290, -10.7617, -1.6040

Triad

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



135.6240, -13.1256, 9.9768



131.1150, 8.8173, -28.1649



138.8690, 5.4876, 13.2699

Complementary

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



135.6240, -13.1256, 9.9768



120.3760, 13.1256, -9.9768

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.



137.5730, 11.0565, 0.3745



135.6240, -13.1256, 9.9768



132.2880, 13.1690, -23.9316

Square

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



135.6240, -13.1256, 9.9768



131.0140, 1.9651, -23.6913



134.8810, 13.8627, -13.0506



138.9040, -0.9387, 21.1322

Rectangle

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



135.6240, -13.1256, 9.9768



133.2840, -7.5350, -9.8961



134.8810, 13.8627, -13.0506



138.4170, 7.6824, 9.2813

Sweetspot

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



135.6240, -13.1256, 9.9768



186.3550, -5.1050, 4.0737



121.7300, -0.3599, 22.1618



94.0990, -3.4998, 2.5442



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



135.6240, -13.1256, 9.9768



173.7080, -20.5620, 15.1651



140.5750, -15.5665, -0.5043



72.0280, -2.4788, 1.7294



96.4400, -47.5449, 36.4481



7.0990, -3.4998, 2.5442

Inverse Universe

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



120.3760, 13.1256, -9.9768



149.8790, 20.2727, -15.6799



115.4250, 15.5665, 0.5043



68.9720, 2.4788, -1.7294



40.9730, 47.8343, -35.9333



2.9010, 3.4998, -2.5442

Previews

White Background



This preview shows how the YUV color 135.6240, -13.1256, 9.9768 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 135.6240, -13.1256, 9.9768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

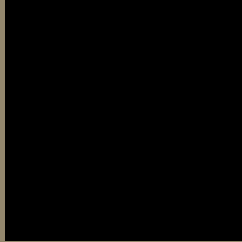
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.6240, -13.1256, 9.9768

Background



This preview shows how black text looks on a background with the YUV color 135.6240, -13.1256, 9.9768.



This preview shows how white text looks on a background with the YUV color 135.6240, -13.1256, 9.9768.

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

135.6240, -13.1256, 9.9768

Protanopia

135.3140, -12.9728, 7.6176

Deuteranopia

136.6790, -13.1527, 18.6985



Tritanopia

138.1200, 1.4198, 11.2958

Trichromacy



Original Color

135.6240, -13.1256, 9.9768

Protanomaly

135.6130, -13.1202, 8.2324

Deuteranomaly

136.0700, -12.8525, 15.7246

Tritanomaly

137.0400, -3.9637, 11.3659

Monochromacy



Original Color

135.6240, -13.1256, 9.9768

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0560, -4.9576, 3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6240, -13.1256, 9.9768 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(147, 135, 109)` looks like.

```
.text, #text, p{  
    color:rgb(147, 135, 109)  
}
```

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(147, 135, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 135, 109) }
```

Border

The CSS property to change the border of an element to YUV 135.6240, -13.1256, 9.9768 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(147, 135, 109) }
```


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

```
.border{ border-color:rgb(147, 135, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 135, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 135, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 135, 109);  
box-shadow:4px 4px 4px 4px rgb(147, 135,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 135.6240, -13.1256, 9.9768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 135, 109) }
```

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

```
.background{ background-color: rgb(147,  
135, 109) }
```

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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