

Converting Colors

YUV(133.4960, -59.4045,
13.5970)

Have a look what the booklet for
YUV(133.4960, -59.4045, 13.5970)
contains.

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Color

**YUV(133.4960, -59.4045,
13.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	95950D
RGB	149, 149, 13
RGB Percent	58%, 58%, 5%
CMY	0.4157, 0.4157, 0.9490
CMYK	0.00, 0.00, 0.91, 0.42
HSL	60°, 84%, 32%
HSV	60°, 91%, 58%
XYZ	23.2145, 27.9135, 4.5451
YIQ	133.4960, 43.6560, -42.2960

Conversions

Conversions Part 2

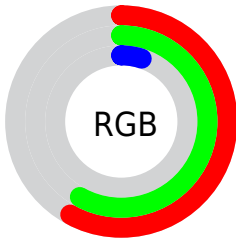
Format	Color
R_{YB}	13, 149, 13
Decimal	9803021
CIE Lab	59.81, -14.23, 61.33
CIE LCh	60, 62.958, 103.059
Yxy	27.9135, 0.4170, 0.5014
Android (android.graphics.Color)	4287993101 (0xFF95950D)
YUV	133.4960, -59.4045, 13.5970
Hunter-Lab	52.8332, -14.0266, 31.8827

Details

The YUV color **133.4960, -59.4045, 13.5970** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **28.5040, 59.4045, -13.5970**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4190, -55.9156, 14.5415**, and **86.2190, -42.5060, 6.8239** is the 20% darker color. If you saturate the color by 10%, you get **132.0140, -65.0829, 14.8967**, and if you desaturate by 10%, it is **135.2060, -52.8526, 12.0973**.

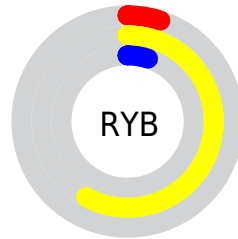
Distribution



Red (58%)

Green (58%)

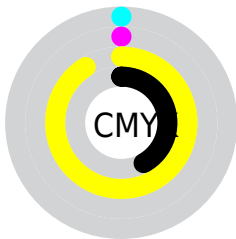
Blue (5%)



Red (5%)

Yellow (58%)

Blue (5%)

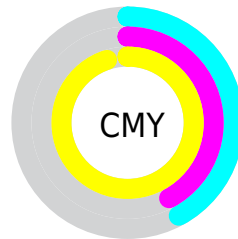


Cyan (0%)

Magenta (0%)

Yellow (91%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.4960, -59.4045, 13.5970 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 133.4960, -59.4045, 13.5970 by changing the saturation by 10% instead.

■ 133.4960,
-59.4045, 13.5970

■ 133.4960,
-59.4045, 13.5970

■ 255.0000, 0.0000,
0.0000

■ 108.3800,
-53.4313, 11.0677

■ 189.4190,
-55.9156, 14.5415

■ 86.2190, -42.5060,
6.8239

■ 218.0170,
-56.2104, 15.7711

■ 64.0580, -31.5806,
2.5801

■ 240.8640,
-54.1630, 12.3973

■ 42.7830, -21.0920,
-1.5637

■ 243.9420,
-42.3694, 9.6979

■ 22.9810, -11.3296,
-6.1223

■ 247.2480,
-29.7023, 6.7985

■ 0.0000, 0.0000,
0.0000

■ 250.4400,

-17.4719, 3.9991

253.7460, -4.8048,
1.0998

133.4960,
-59.4045, 13.5970

133.4960,
-59.4045, 13.5970

132.0140,
-65.0829, 14.8967

135.2060,
-52.8526, 12.0973

136.9160,
-46.3006, 10.5977

138.6260,
-39.7486, 9.0980

140.3360,
-33.1966, 7.5983

142.0460,
-26.6447, 6.0987

■ 143.6420,
-20.5295, 4.6990

■ 145.3520,
-13.9775, 3.1993

■ 147.0620, -7.4256,
1.6996

■ 148.7720, -0.8736,
0.2000

Harmonies

Analogous

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



138.2910, -54.8665, 51.4878



133.4960, -59.4045, 13.5970



126.6050, -34.8083, -35.6106

Triad

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



133.4960, -59.4045, 13.5970



123.5820, 47.0411, -108.3814



144.2290, 16.6491, 73.4672

Complementary

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



133.4960, -59.4045, 13.5970



28.5040, 59.4045, -13.5970

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.



147.9530, 38.4772, 25.4742



133.4960, -59.4045, 13.5970



121.8330, 63.1863, -106.8475

Square

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



133.4960, -59.4045, 13.5970



118.8280, 23.7488, -104.2122



134.0230, 58.6557, -53.5172



139.6940, -8.7231, 91.4764

Rectangle

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



133.4960, -59.4045, 13.5970



107.8160, -8.2903, -94.5546



134.0230, 58.6557, -53.5172



146.3890, 23.9652, 60.1718

Sweetspot

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



133.4960, -59.4045, 13.5970



187.9580, -23.1503, 5.2988



53.6640, -20.0474, 83.6097



93.4660, -13.5407, 3.0993



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.



133.4960, -59.4045, 13.5970



171.8840, -84.7388, 19.3957



113.1640, -49.3809, -28.2078



73.2020, -3.0576, 0.6998



122.2680, -60.2781, 13.7970



8.8600, -4.3680, 0.9998

Inverse Universe

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



28.5040, 59.4045, -13.5970



22.1160, 84.7388, -19.3957



48.8360, 49.3809, 28.2078



67.7980, 3.0576, -0.6998



15.7320, 60.2781, -13.7970



1.1400, 4.3680, -0.9998

Previews

White Background



This preview shows how the YUV color 133.4960, -59.4045, 13.5970 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 133.4960, -59.4045, 13.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

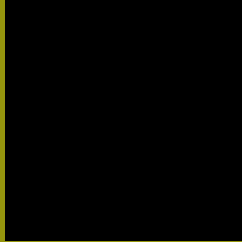
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.4960, -59.4045, 13.5970

Background



This preview shows how black text looks on a background with the YUV color 133.4960, -59.4045, 13.5970.



This preview shows how white text looks on a background with the YUV color 133.4960, -59.4045,

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

133.4960, -59.4045, 13.5970

Protanopia

134.5190, -60.8949, 24.9778

Deuteranopia

137.6870, -55.5547, 38.8625



Tritanopia

146.1200, 1.4198, 11.2958

Trichromacy



Original Color

133.4960, -59.4045, 13.5970

Protanomaly

134.3120, -60.2998, 20.7744

Deuteranomaly

135.9910, -56.6906, 29.8259

Tritanomaly

141.6860, -20.5512, 11.6764

Monochromacy



Original Color

133.4960, -59.4045, 13.5970

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.3000, -21.8399, 4.9989

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4960, -59.4045, 13.5970 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(149, 149, 13)` looks like.

```
.text, #text, p{  
    color:rgb(149, 149, 13)  
}
```

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(149, 149, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 149, 13) }
```

Border

The CSS property to change the border of an element to YUV 133.4960, -59.4045, 13.5970 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(149, 149, 13) }
```


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

```
.border{ border-color:rgb(149, 149, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 149, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 149, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 149, 13);  
box-shadow:4px 4px 4px 4px rgb(149, 149,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 133.4960, -59.4045, 13.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 149, 13) }
```

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

```
.background{ background-color: rgb(149,  
149, 13) }
```

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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