

Converting Colors

YUV(135.2020, -19.8196,
10.3468)

Have a look what the booklet for
YUV(135.2020, -19.8196, 10.3468)
contains.

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Color

**YUV(135.2020, -19.8196,
10.3468)**

Conversions

Conversions Part 1

Format	Color
Hex	93895F
RGB	147, 137, 95
RGB Percent	58%, 54%, 37%
CMY	0.4235, 0.4627, 0.6275
CMYK	0.00, 0.07, 0.35, 0.42
HSL	48°, 21%, 47%
HSV	48°, 35%, 58%
XYZ	23.0438, 24.9206, 14.4221
YIQ	135.2020, 19.4420, -10.9420

Conversions

Conversions Part 2

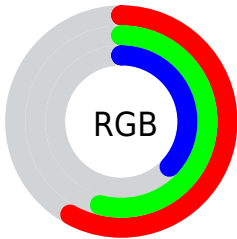
Format	Color
R_{YB}	107, 147, 95
Decimal	9668959
CIE _{Lab}	57.00, -2.87, 23.91
CIE _{LCh}	57, 24.081, 96.847
Yxy	24.9206, 0.3694, 0.3995
Android (android.graphics.Color)	4287859039 (0xFF93895F)
YUV	135.2020, -19.8196, 10.3468
Hunter-Lab	49.9205, -4.9634, 17.8154

Details

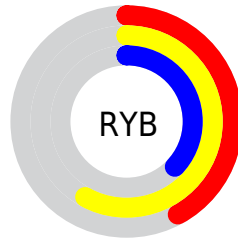
The YUV color **135.2020, -19.8196, 10.3468** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **106.7980, 19.8196, -10.3468**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5720, -20.9880, 11.7764**, and **84.9460, -18.2144, 8.8174** is the 20% darker color. If you saturate the color by 10%, you get **131.7310, -25.5034, 13.3909**, and if you desaturate by 10%, it is **138.6730, -14.1358, 7.3028**.

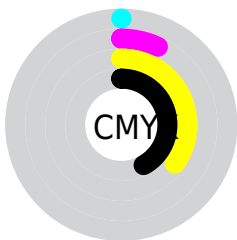
Distribution



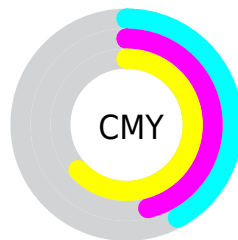
- Red (58%)
- Green (54%)
- Blue (37%)



- Red (42%)
- Yellow (58%)
- Blue (37%)



- Cyan (0%)
- Magenta (7%)
- Yellow (35%)
- Black (42%)



- Cyan (42%)
- Magenta (46%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.2020, -19.8196, 10.3468 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 135.2020, -19.8196, 10.3468 by changing the saturation by 10% instead.

■ 135.2020,
-19.8196, 10.3468

■ 135.2020,
-19.8196, 10.3468

■ 255.0000, 0.0000,
0.0000

■ 110.0170,
-19.2354, 9.6321

■ 188.5720,
-20.9880, 11.7764

■ 84.9460, -18.2144,
8.8174

■ 216.4580,
-21.4248, 11.8763

■ 61.7610, -17.6302,
8.1026

■ 243.4470,
-21.4194, 10.1320

■ 39.1200, -18.7932,
7.7878

■ 251.9220,
-11.7935, 2.6994

■ 20.3890, -10.0518,
4.0438

■ 0.0000, 0.0000,
0.0000

■ 135.2020,
-19.8196, 10.3468

■ 135.2020,
-19.8196, 10.3468

■ 131.7310,
-25.5034, 13.3909

■ 138.6730,
-14.1358, 7.3028

■ 128.3740,
-30.7504, 16.3350

■ 142.0300, -8.8888,
4.3587

■ 125.4900,
-36.7236, 18.8643

■ 144.9140, -2.9156,
1.8294

■ 122.0190,
-42.4074, 21.9083

■ 148.3850, 2.7682,
-1.2146

■ 118.6620,
-47.6544, 24.8524

■ 151.8560, 8.4520,
-4.2587

■ 115.1910,
-53.3382, 27.8965

■ 155.2130, 13.6990,
-7.2028

■ 113.8060,
-56.1064, 29.1111

■ 158.6840, 19.3828,
-10.2469

■ 162.1550, 25.0666,

-13.2909

■ 164.9250, 30.6030,
-15.7202

Harmonies

Analogous

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



137.2300, -18.8474, 25.2313



135.2020, -19.8196, 10.3468



132.7590, -14.6712, -7.6816

Triad

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



135.2020, -19.8196, 10.3468



126.1710, 17.1707, -47.5080



140.5760, 6.6180, 24.0508

Complementary

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



135.2020, -19.8196, 10.3468



106.7980, 19.8196, -10.3468

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.



139.3440, 15.1134, 5.8373



135.2020, -19.8196, 10.3468



130.2030, 22.0849, -37.0120

Square

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



135.2020, -19.8196, 10.3468



127.1580, 6.8241, -42.2346



135.6940, 20.8569, -16.3946



139.4110, -3.1606, 33.8426

Rectangle

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



135.2020, -19.8196, 10.3468



130.8760, -8.8129, -20.0623



135.6940, 20.8569, -16.3946



140.0530, 9.8339, 19.2475

Sweetspot

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



135.2020, -19.8196, 10.3468



186.2580, -8.0152, 4.1587



111.6880, -3.2972, 30.9686



93.7570, -4.8102, 2.8441



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.



135.2020, -19.8196, 10.3468



173.0750, -30.6030, 15.7202



136.2880, -20.3550, -4.6376



72.6150, -2.7682, 1.2146



106.4190, -52.4646, 27.6965



7.6860, -3.7892, 2.0294

Inverse Universe

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



106.7980, 19.8196, -10.3468



128.9250, 30.6030, -15.7202



105.7120, 20.3550, 4.6376



68.3850, 2.7682, -1.2146



30.9940, 52.7540, -27.1817



2.3140, 3.7892, -2.0294

Previews

White Background



This preview shows how the YUV color 135.2020, -19.8196, 10.3468 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 135.2020, -19.8196, 10.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

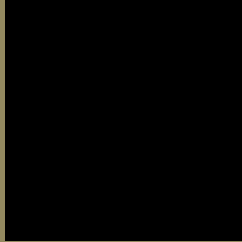
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.2020, -19.8196, 10.3468

Background



This preview shows how black text looks on a background with the YUV color 135.2020, -19.8196, 10.3468.



This preview shows how white text looks on a background with the YUV color 135.2020, -19.8196, 10.3468.

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

135.2020, -19.8196, 10.3468

Protanopia

135.5010, -19.9670, 10.9616

Deuteranopia

136.5780, -20.0050, 23.1721



Tritanopia

138.4190, 1.2724, 11.9105

Trichromacy



Original Color

135.2020, -19.8196, 10.3468

Protanomaly

135.5010, -19.9670, 10.9616

Deuteranomaly

135.9580, -19.6993, 18.4538

Tritanomaly

137.0570, -6.4371, 11.3510

Monochromacy



Original Color

135.2020, -19.8196, 10.3468

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.0730, -7.4310, 3.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.2020, -19.8196, 10.3468 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, 137, 95)` looks like.

```
.text, #text, p{  
    color:rgb(147, 137, 95)  
}
```

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, 137, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 137, 95) }
```

Border

The CSS property to change the border of an element to YUV 135.2020, -19.8196, 10.3468 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, 137, 95) }
```


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

```
.border{ border-color:rgb(147, 137, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 137, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 137, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 137, 95);  
box-shadow:4px 4px 4px 4px rgb(147, 137,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 135.2020, -19.8196, 10.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 137, 95) }
```

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

```
.background{ background-color: rgb(147,  
137, 95) }
```

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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