

Converting Colors

YUV(19.3960, 6.2138, 13.6847)

Have a look what the booklet for
YUV(19.3960, 6.2138, 13.6847)
contains.

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Color

**YUV(19.3960, 6.2138,
13.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	230920
RGB	35, 9, 32
RGB Percent	14%, 4%, 13%
CMY	0.8627, 0.9647, 0.8745
CMYK	0.00, 0.74, 0.09, 0.86
HSL	307°, 59%, 9%
HSV	307°, 74%, 14%
XYZ	1.0515, 0.6570, 1.4379
YIQ	19.3960, 8.1130, 12.6650

Conversions

Conversions Part 2

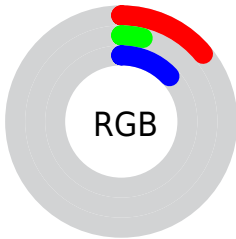
Format	Color
RYB	35, 9, 32
Decimal	2296096
CIELab	5.93, 16.87, -9.46
CIElCh	6, 19.336, 330.725
Yxy	0.6570, 0.3342, 0.2088
Android (android.graphics.Color)	4280486176 (0xFF230920)
YUV	19.3960, 6.2138, 13.6847
Hunter-Lab	8.1055, 8.9726, -4.8441

Details

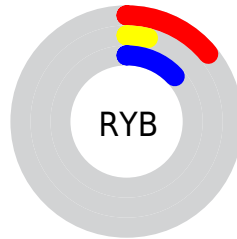
The YUV color **19.3960, 6.2138, 13.6847** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24.6040, -6.2138, -13.6847**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.1080, 6.3558, 14.8143**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.0480, 7.3713, 15.7439**, and if you desaturate by 10%, it is **21.7440, 5.0562, 11.6255**.

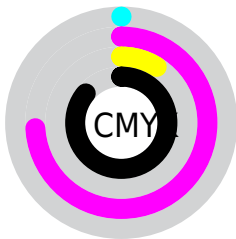
Distribution



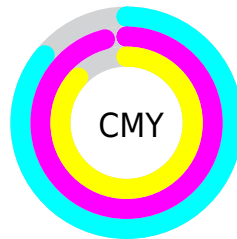
- Red (14%)
- Green (4%)
- Blue (13%)



- Red (14%)
- Yellow (4%)
- Blue (13%)



- Cyan (0%)
- Magenta (74%)
- Yellow (9%)
- Black (86%)



- Cyan (86%)
- Magenta (96%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.3960, 6.2138, 13.6847 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 19.3960, 6.2138, 13.6847 by changing the saturation by 10% instead.

■ 19.3960, 6.2138,
13.6847

■ 19.3960, 6.2138,
13.6847

■ 242.0860, 6.3666,
11.3256

■ 0.6840, 2.6208,
-0.5999

■ 63.1080, 6.3558,
14.8143

■ 0.0000, 0.0000,
0.0000

■ 86.8200, 6.4977,
15.9439

■ 111.2330, 6.7871,
16.4587

■ 137.2330, 6.7871,
16.4587

■ 162.9450, 6.9291,
17.5882

■ 190.3580, 7.2185,

18.1030

■ 218.3580, 7.2185,
18.1030

■ 19.3960, 6.2138,
13.6847

■ 19.3960, 6.2138,
13.6847

■ 17.0480, 7.3713,
15.7439

■ 21.7440, 5.0562,
11.6255

■ 15.1730, 7.8027,
17.3883

■ 23.6190, 4.6248,
9.9811

■ 13.9990, 8.3815,
18.4179

■ 25.9670, 3.4673,
7.9219

■ 27.8420, 3.0359,
6.2776

■ 30.1900, 1.8783,
4.2184

■ 31.9510, 1.0102,
2.6740

■ 34.4130, 0.2894,
0.5148

■ 36.1740, -0.5788,
-1.0296

■ 38.6360, -1.2995,
-3.1888

Harmonies

Analogous

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



19.4590, 10.6197, 0.4745



19.3960, 6.2138, 13.6847



18.2460, 0.3717, 20.8323

Triad

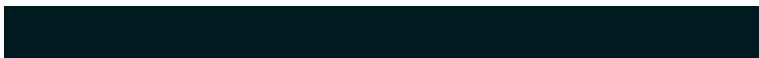
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.3960, 6.2138, 13.6847



18.6280, -9.1836, 5.5882



19.4970, 6.1640, -17.0989

Complementary

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



19.3960, 6.2138, 13.6847



24.6040, -6.2138, -13.6847

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.



18.0150, 0.4856, -15.7992



19.3960, 6.2138, 13.6847



15.8930, -7.8352, -6.9222

Square

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



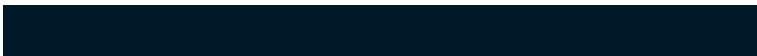
19.3960, 6.2138, 13.6847



18.3950, -9.0687, 15.4396



15.2620, -7.5242, -13.3848



19.3490, 10.6739, -16.9691

Rectangle

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



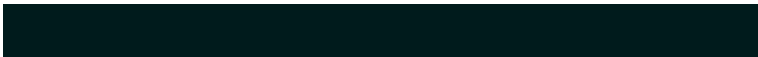
19.3960, 6.2138, 13.6847



17.0630, -5.4541, 22.7467



15.2620, -7.5242, -13.3848



19.0410, 4.4168, -16.6990

Sweetspot

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



19.3960, 6.2138, 13.6847



40.0160, 2.4571, 5.2480



12.8610, 10.9145, -0.7551



19.3640, 1.2995, 3.1888



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



19.3960, 6.2138, 13.6847



21.3630, 9.6810, 21.6066



17.9140, 0.5354, 14.9844



16.8260, 0.5788, 1.0296



32.7260, 19.3621, 43.2133



83.5810, 49.9996, 109.9925

Inverse Universe

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



19.3960, 6.2138, 13.6847



21.3630, 9.6810, 21.6066



26.0860, -0.5354, -14.9844



16.8260, 0.5788, 1.0296



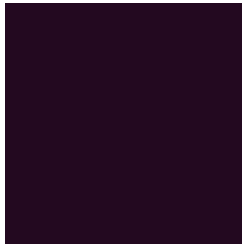
32.7260, 19.3621, 43.2133



83.5810, 49.9996, 109.9925

Previews

White Background



This preview shows how the YUV color 19.3960, 6.2138, 13.6847 looks on a white background.

Color Contrast Check

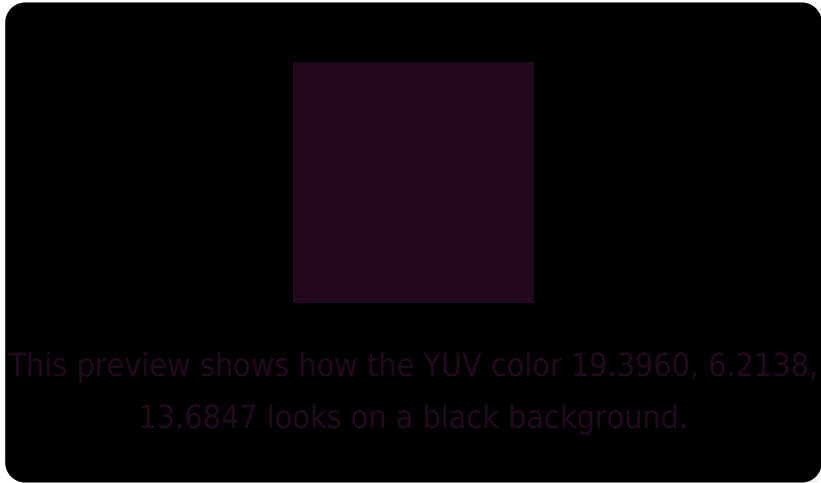
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 19.3960, 6.2138, 13.6847

Background



This preview shows how black text looks on a background with the YUV color 19.3960, 6.2138, 13.6847.



This preview shows how white text looks on a background with the YUV color 19.3960, 6.2138,

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

19.3960, 6.2138, 13.6847

Protanopia

18.0230, 11.8207, -11.4212

Deuteranopia

20.8300, 4.5208, -3.3589



Tritanopia

20.4960, -2.2165, 10.9660

Trichromacy



Original Color

19.3960, 6.2138, 13.6847

Protanomaly

18.5080, 9.6096, -2.1995

Deuteranomaly

20.6890, 5.0833, 2.9037

Tritanomaly

20.3050, 0.8356, 12.0105

Monochromacy



Original Color

19.3960, 6.2138, 13.6847

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.0160, 2.4571, 5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.3960, 6.2138, 13.6847 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(35, 9, 32)` looks like.

```
.text, #text, p{  
    color:rgb(35, 9, 32)  
}
```

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(35, 9, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 9, 32) }
```

Border

The CSS property to change the border of an element to YUV 19.3960, 6.2138, 13.6847 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(35, 9, 32) }
```


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

```
.border{ border-color:rgb(35, 9, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 9, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 9, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 9, 32); box-shadow:4px  
4px 4px 4px rgb(35, 9, 32) }
```

Background

The CSS property to change the background color of an element to YUV 19.3960, 6.2138, 13.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 9, 32) }
```

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

```
.background{ background-color: rgb(35, 9,  
32) }
```

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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