

Converting Colors

YUV(24.0160, 19.2191, -4.3990)

Have a look what the booklet for
YUV(24.0160, 19.2191, -4.3990)
contains.

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Color

**YUV(24.0160, 19.2191,
-4.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	13133F
RGB	19, 19, 63
RGB Percent	7%, 7%, 25%
CMY	0.9255, 0.9255, 0.7529
CMYK	0.70, 0.70, 0.00, 0.75
HSL	240°, 54%, 16%
HSV	240°, 70%, 25%
XYZ	1.3986, 0.9631, 4.8148
YIQ	24.0160, -14.1240, 13.6840

Conversions

Conversions Part 2

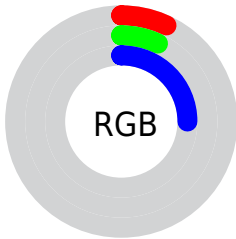
Format	Color
R _Y B	19, 19, 63
Decimal	1250111
CIE Lab	8.68, 16.15, -28.17
CIE LCh	9, 32.472, 299.817
Yxy	0.9631, 0.1949, 0.1342
Android (android.graphics.Color)	4279440191 (0xFF13133F)
YUV	24.0160, 19.2191, -4.3990
Hunter-Lab	9.8136, 8.2659, -22.2196

Details

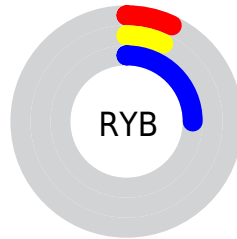
The YUV color **24.0160, 19.2191, -4.3990** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **57.9840, -19.2191, 4.3990**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.7930, 20.8081, -0.6955**, and **2.7530, 8.0098, -2.4144** is the 20% darker color. If you saturate the color by 10%, you get **18.7000, 21.8399, -4.9989**, and if you desaturate by 10%, it is **29.3320, 16.5983, -3.7992**.

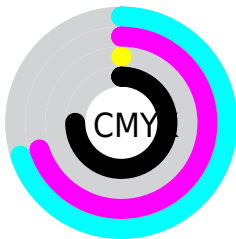
Distribution



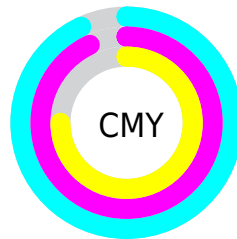
- Red (7%)
- Green (7%)
- Blue (25%)



- Red (7%)
- Yellow (7%)
- Blue (25%)



- Cyan (70%)
- Magenta (70%)
- Yellow (0%)
- Black (75%)



- Cyan (93%)
- Magenta (93%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.0160, 19.2191, -4.3990 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 24.0160, 19.2191, -4.3990 by changing the saturation by 10% instead.

■ 24.0160, 19.2191,
-4.3990

■ 24.0160, 19.2191,
-4.3990

■ 247.9560, 3.4727,
6.1776

■ 4.6740, 17.9087,
-4.0991

■ 68.7930, 20.8081,
-0.6955

■ 2.7530, 8.0098,
-2.4144

■ 92.4340, 21.9710,
-0.3806

■ 0.0000, 0.0000,
0.0000

■ 117.8470, 22.2604,
0.1342

■ 143.3740, 22.9866,
0.5490

■ 169.9010, 23.7128,
0.9638

■ 197.4280, 24.4390,

1.3786

■ 223.1480, 15.7030,
3.3782

■ 24.0160, 19.2191,
-4.3990

■ 24.0160, 19.2191,
-4.3990

■ 18.7000, 21.8399,
-4.9989

■ 29.3320, 16.5983,
-3.7992

■ 12.4980, 24.8975,
-5.6987

■ 35.5340, 13.5407,
-3.0993

■ 7.1820, 27.5183,
-6.2986

■ 40.8500, 10.9200,
-2.4995

■ 46.1660, 8.2992,
-1.8996

■ 52.3680, 5.2416,
-1.1997

■ 57.6840, 2.6208,
-0.5999

■ 63.0000, 0.0000,
0.0000

■ 68.3160, -2.6208,
0.5999

■ 74.5180, -5.6784,
1.2997

Harmonies

Analogous

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



24.3020, 22.0361, -21.3129



24.0160, 19.2191, -4.3990



22.3570, 12.1490, 23.3659

Triad

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



24.0160, 19.2191, -4.3990



22.8690, -11.2744, 22.9169



23.8680, 0.0651, -20.9322

Complementary

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



24.0160, 19.2191, -4.3990



57.9840, -19.2191, 4.3990

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.



19.9580, -9.8393, -17.5032



24.0160, 19.2191, -4.3990



23.9550, -11.8098, 7.9325

Square

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



24.0160, 19.2191, -4.3990



17.9400, -8.8444, 36.8866



19.7030, -9.7136, -11.1405



25.7890, 9.9640, -22.6170

Rectangle

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



24.0160, 19.2191, -4.3990



21.1040, 5.8647, 32.3578



19.7030, -9.7136, -11.1405



22.2550, -3.5767, -19.5176

Sweetspot

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



24.0160, 19.2191, -4.3990



66.0520, 7.8624, -1.7996



49.8440, 6.4859, -27.0502



32.1400, 4.3680, -0.9998



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



24.0160, 19.2191, -4.3990



20.8660, 30.1391, -6.8985



30.5940, 15.9762, 9.1261



28.3420, 1.3104, -0.2999



10.7160, 41.0590, -9.3979



25.3080, 96.9692, -22.1951

Inverse Universe

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



37.1720, 12.7332, 22.6512



41.4970, 19.9680, 35.5211



51.4060, -15.9762, -9.1261



29.2390, 0.8682, 1.5444



38.8220, 27.2028, 48.3911



91.6860, 64.2448, 114.2854

Previews

White Background



This preview shows how the YUV color 24.0160, 19.2191, -4.3990 looks on a white background.

Color Contrast Check

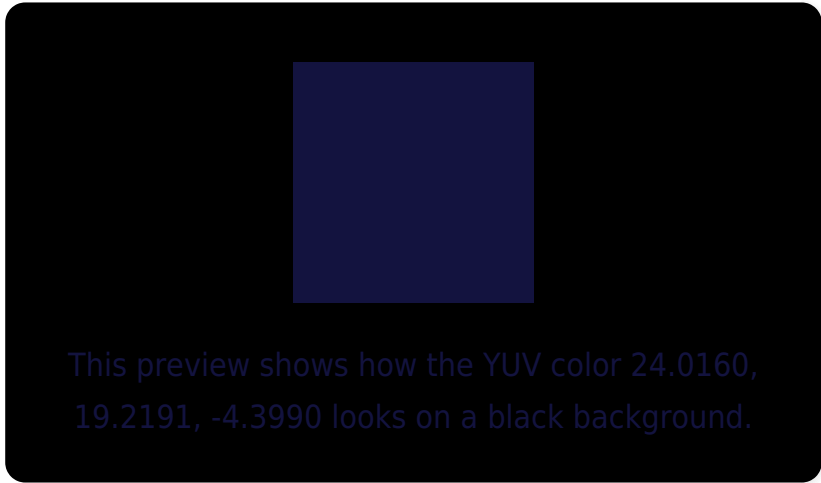
Large Text (above 18pt) WCAG AA ✓ Pass

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

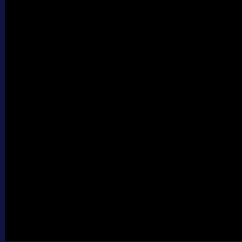
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.0160, 19.2191, -4.3990

Background



This preview shows how black text looks on a background with the YUV color 24.0160, 19.2191, -4.3990.



This preview shows how white text looks on a background with the YUV color 24.0160, 19.2191,

-4.3990.

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

24.0160, 19.2191, -4.3990

Protanopia

20.6030, 15.4787, -18.0688

Deuteranopia

20.3920, 12.1317, -17.8838



Tritanopia

20.4430, 4.7116, -17.9285

Trichromacy



Original Color

24.0160, 19.2191, -4.3990

Protanomaly

21.9780, 16.7728, -13.1357

Deuteranomaly

21.5220, 15.0257, -12.7358

Tritanomaly

21.5560, 10.0789, -12.7656

Monochromacy



Original Color

24.0160, 19.2191, -4.3990

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.8240, 6.9888, -1.5996

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.0160, 19.2191, -4.3990 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(19, 19, 63)` looks like.

```
.text, #text, p{  
    color:rgb(19, 19, 63)  
}
```

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(19, 19, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 19, 63) }
```

Border

The CSS property to change the border of an element to YUV 24.0160, 19.2191, -4.3990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

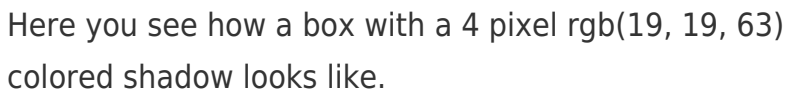
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(19, 19, 63) }
```


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

```
.border{ border-color:rgb(19, 19, 63) }
```

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



Here you see how a box with a 4 pixel `rgb(19, 19, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 19, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 19, 63);  
box-shadow:4px 4px 4px 4px rgb(19, 19, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.0160, 19.2191, -4.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 19, 63) }
```

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

```
.background{ background-color: rgb(19, 19,  
63) }
```

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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