

Converting Colors

YUV(47.9960, 5.9180, -31.5685)

Have a look what the booklet for
YUV(47.9960, 5.9180, -31.5685)
contains.

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Color

**YUV(47.9960, 5.9180,
-31.5685)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 0C403C |
| RGB | 12, 64, 60 |
| RGB Percent | 5%, 25%, 24% |
| CMY | 0.9529, 0.7490, 0.7647 |
| CMYK | 0.81, 0.00, 0.06, 0.75 |
| HSL | 175°, 68%, 15% |
| HSV | 175°, 81%, 25% |
| XYZ | 2.8006, 4.0712, 4.9132 |
| YIQ | 47.9960, -29.7080, -12.2680 |

Conversions

Conversions Part 2

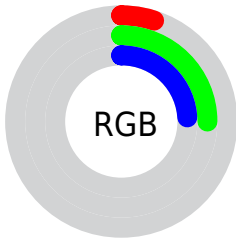
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 12, 39, 64 |
| Decimal | 802876 |
| CIE _{Lab} | 23.91, -17.57, -2.40 |
| CIE _{LCh} | 24, 17.736, 187.778 |
| Yxy | 4.0712, 0.2376, 0.3455 |
| Android (android.graphics.Color) | 4278992956 (0xFF0C403C) |
| YUV | 47.9960, 5.9180, -31.5685 |
| Hunter-Lab | 20.1772, -10.5341, -0.3131 |

Details

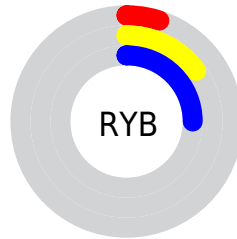
The YUV color **47.9960, 5.9180, -31.5685** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **28.0040, -5.9180, 31.5685**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.0780, 4.8915, -29.0094**, and **15.5530, 1.2064, -13.6400** is the 20% darker color. If you saturate the color by 10%, you get **46.2020, 6.8024, -35.2572**, and if you desaturate by 10%, it is **49.7900, 5.0335, -27.8798**.

Distribution



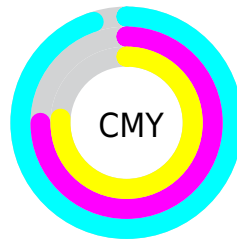
- Red (5%)
- Green (25%)
- Blue (24%)



- Red (5%)
- Yellow (15%)
- Blue (25%)



- Cyan (81%)
- Magenta (0%)
- Yellow (6%)
- Black (75%)



- Cyan (95%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9960, 5.9180, -31.5685 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 47.9960, 5.9180, -31.5685 by changing the saturation by 10% instead.

■ 47.9960, 5.9180,
-31.5685

■ 47.9960, 5.9180,
-31.5685

■ 254.4020, 0.2948,
-1.2296

■ 28.9860, 4.4439,
-25.4207

■ 97.0780, 4.8915,
-29.0094

■ 15.5530, 1.2064,
-13.6400

■ 122.6650, 4.6022,
-29.5242

■ 0.0000, 0.0000,
0.0000

■ 148.6650, 4.6022,
-29.5242

■ 175.3660, 4.7496,
-30.1390

■ 203.0670, 4.8970,
-30.7538

■ 231.6540, 4.6076,

-31.2686

■ 245.7310, 4.5696,
-19.0581

■ 47.9960, 5.9180,
-31.5685

■ 47.9960, 5.9180,
-31.5685

■ 46.2020, 6.8024,
-35.2572

■ 49.7900, 5.0335,
-27.8798

■ 44.2940, 7.2501,
-38.8458

■ 51.9970, 4.4385,
-23.6764

■ 53.7910, 3.5540,
-19.9877

■ 55.9980, 2.9590,
-15.7842

■ 57.7920, 2.0745,
-12.0956

■ 59.7000, 1.6269,
-8.5069

■ 61.7930, 0.5951,
-4.2035

■ 63.7010, 0.1474,
-0.6148

■ 65.7940, -0.8844,
3.6887

Harmonies

Analogous

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



51.4940, -2.7085, -17.9732



47.9960, 5.9180, -31.5685



45.6020, 13.5072, -39.1160

Triad

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



47.9960, 5.9180, -31.5685



58.2530, 9.7353, 4.1631



56.8850, -12.2683, 15.0099

Complementary

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



47.9960, 5.9180, -31.5685



28.0040, -5.9180, 31.5685

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.



57.0690, -7.9220, 20.9875



47.9960, 5.9180, -31.5685



58.5380, 4.1718, 15.3142

Square

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



47.9960, 5.9180, -31.5685



55.7780, 13.4204, -11.2063



57.9750, -1.9597, 21.9469



55.4170, -12.5306, 5.7733

Rectangle

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



47.9960, 5.9180, -31.5685



48.6890, 14.9433, -33.0533



57.9750, -1.9597, 21.9469



56.9500, -10.8213, 17.5839

Sweetspot

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



47.9960, 5.9180, -31.5685



77.9060, 2.5113, -12.1956



43.7200, -15.6380, -24.3104



39.2980, 1.3321, -7.2773



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



47.9960, 5.9180, -31.5685



58.7980, 9.4666, -49.8118



35.5380, 14.0318, -20.6428



32.1030, 0.4422, -1.8443



67.0850, 10.8041, -58.8335



155.0860, 25.5936, -136.0104

Inverse Universe

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



28.0040, -5.9180, 31.5685



27.2020, -9.4666, 49.8118



40.4620, -14.0318, 20.6428



30.8970, -0.4422, 1.8443



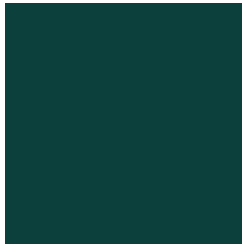
29.8010, -11.2409, 58.9335



68.9140, -25.5936, 136.0104

Previews

White Background



This preview shows how the YUV color 47.9960, 5.9180, -31.5685 looks on a white background.

Color Contrast Check

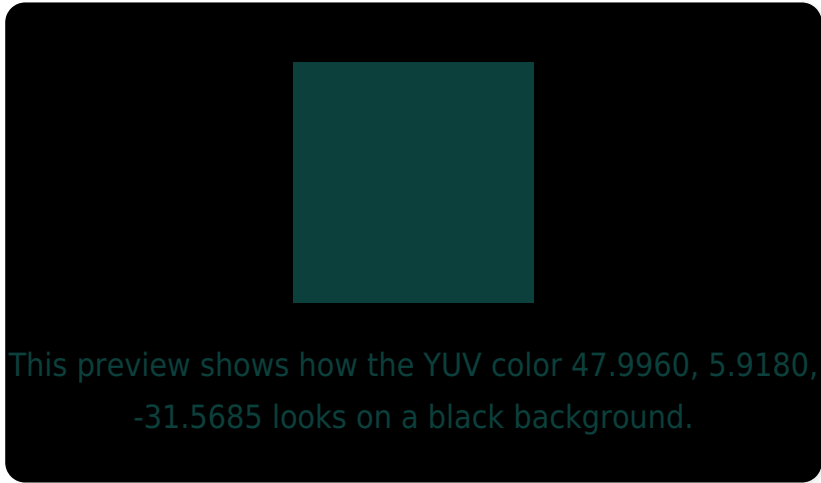
Large Text (above 18pt) WCAG AA ✓ Pass

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

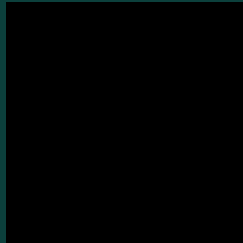
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.9960, 5.9180, -31.5685

Background



This preview shows how black text looks on a background with the YUV color 47.9960, 5.9180, -31.5685.



This preview shows how white text looks on a background with the YUV color 47.9960, 5.9180, -31.5685.

-31.5685.

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

47.9960, 5.9180, -31.5685

Protanopia

57.1850, -0.5842, 0.7148

Deuteranopia

57.2930, 2.3206, 2.3740



Tritanopia

50.1150, 8.8173, -28.1649

Trichromacy



Original Color

47.9960, 5.9180, -31.5685

Protanomaly

53.9770, 1.4903, -11.3808

Deuteranomaly

53.8570, 3.5215, -9.5216

Tritanomaly

49.1750, 7.8017, -29.0945

Monochromacy



Original Color

47.9960, 5.9180, -31.5685

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0910, 1.9271, -11.4808

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9960, 5.9180, -31.5685 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(12, 64, 60)` looks like.

```
.text, #text, p{  
    color:rgb(12, 64, 60)  
}
```

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(12, 64, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 64, 60) }
```

Border

The CSS property to change the border of an element to YUV 47.9960, 5.9180, -31.5685 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(12, 64, 60) }
```


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

```
.border{ border-color:rgb(12, 64, 60) }
```

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

Here you see how a box with a 4 pixel rgb(12, 64, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 64, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 64, 60);  
box-shadow:4px 4px 4px 4px rgb(12, 64, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.9960, 5.9180, -31.5685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 64, 60) }
```

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

```
.background{ background-color: rgb(12, 64,  
60) }
```

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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