

Converting Colors

YUV(47.9960, 9.3690, -18.4135)

Have a look what the booklet for
YUV(47.9960, 9.3690, -18.4135)
contains.

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Color

**YUV(47.9960, 9.3690,
-18.4135)**

Conversions

Conversions Part 1

Format	Color
Hex	1B3743
RGB	27, 55, 67
RGB Percent	11%, 22%, 26%
CMY	0.8941, 0.7843, 0.7373
CMYK	0.60, 0.18, 0.00, 0.74
HSL	198°, 43%, 18%
HSV	198°, 60%, 26%
XYZ	2.8313, 3.3706, 5.8116
YIQ	47.9960, -20.5400, -2.2040

Conversions

Conversions Part 2

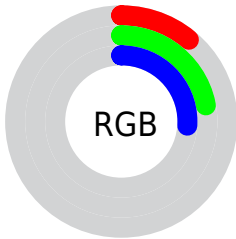
Format	Color
R_{YB}	27, 43, 67
Decimal	1783619
CIE Lab	21.47, -6.52, -10.70
CIE LCh	21, 12.526, 238.647
Yxy	3.3706, 0.2357, 0.2806
Android (android.graphics.Color)	4279973699 (0xFF1B3743)
YUV	47.9960, 9.3690, -18.4135
Hunter-Lab	18.3593, -4.6012, -5.9165

Details

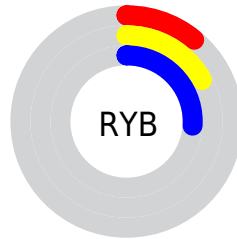
The YUV color **47.9960, 9.3690, -18.4135** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46.0040, -9.3690, 18.4135**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.1100, 9.8058, -18.5135**, and **9.3070, 7.7366, -8.1622** is the 20% darker color. If you saturate the color by 10%, you get **44.7290, 10.9796, -21.6873**, and if you desaturate by 10%, it is **51.2630, 7.7583, -15.1397**.

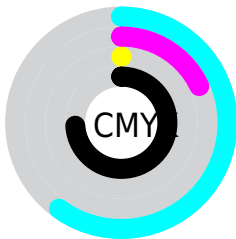
Distribution



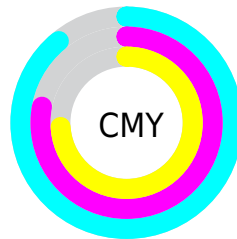
- Red (11%)
- Green (22%)
- Blue (26%)



- Red (11%)
- Yellow (17%)
- Blue (26%)



- Cyan (60%)
- Magenta (18%)
- Yellow (0%)
- Black (74%)



- Cyan (89%)
- Magenta (78%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9960, 9.3690, -18.4135 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, 9.3690, -18.4135 by changing the saturation by 10% instead.

■ 47.9960, 9.3690,
-18.4135

■ 47.9960, 9.3690,
-18.4135

■ 255.0000, 0.0000,
0.0000

■ 25.9850, 9.3744,
-20.1578

■ 95.1100, 9.8058,
-18.5135

■ 9.3070, 7.7366,
-8.1622

■ 120.2240, 10.2426,
-18.6134

■ 0.0000, 0.0000,
0.0000

■ 145.9250, 10.3900,
-19.2282

■ 172.3380, 10.6794,
-18.7134

■ 200.0390, 10.8268,
-19.3282

■ 228.1530, 11.2636,

-19.4282

■ 248.7210, 3.0955,
-12.9103

■ 47.9960, 9.3690,
-18.4135

■ 47.9960, 9.3690,
-18.4135

■ 44.7290, 10.9796,
-21.6873

■ 51.2630, 7.7583,
-15.1397

■ 41.7610, 12.4428,
-24.3464

■ 54.2310, 6.2951,
-12.4806

■ 38.4940, 14.0535,
-27.6202

■ 57.4980, 4.6845,
-9.2067

■ 35.2270, 15.6641,
-30.8941

■ 60.7650, 3.0739,
-5.9329

■ 64.0320, 1.4632,
-2.6591

■ 67.0000, 0.0000,
0.0000

■ 70.2670, -1.6106,
3.2738

■ 73.5340, -3.2213,
6.5477

■ 76.5020, -4.6845,
9.2067

Harmonies

Analogous

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



46.5890, 6.6116, -20.6876



47.9960, 9.3690, -18.4135



50.1650, 9.7787, -9.7917

Triad

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



47.9960, 9.3690, -18.4135



52.9740, -0.4802, 14.0548



50.3390, -7.5621, -1.1743

Complementary

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



47.9960, 9.3690, -18.4135



46.0040, -9.3690, 18.4135

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.



51.0410, -8.8942, 6.1030



47.9960, 9.3690, -18.4135



52.2470, -4.5588, 15.5694

Square

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



47.9960, 9.3690, -18.4135



52.7930, 4.0461, 8.9515



52.0140, -7.8949, 12.2657



49.0220, -3.4618, -9.6663

Rectangle

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



47.9960, 9.3690, -18.4135



51.5680, 8.5940, -3.1291



52.0140, -7.8949, 12.2657



50.5350, -8.1518, 1.2848

Sweetspot

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



47.9960, 9.3690, -18.4135



79.2810, 3.8055, -7.2624



51.8480, -6.3341, -21.7917



38.5480, 2.1948, -3.9886



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, 9.3690, -18.4135



57.0100, 14.7851, -28.9498



36.2560, 15.1568, -8.1175



31.5160, 0.7316, -1.3295



50.9740, 22.6908, -44.7042



117.6950, 52.4084, -103.2185

Inverse Universe

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



42.1520, 6.3341, 21.7917



47.8530, 9.9325, 34.3319



57.7440, -15.1568, 8.1175



31.1250, 0.4314, 1.6444



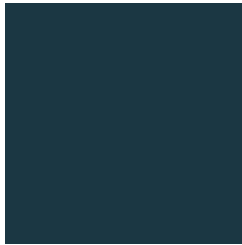
36.7550, 15.4038, 52.8349



84.8740, 35.5581, 122.0135

Previews

White Background



This preview shows how the YUV color 47.9960, 9.3690, -18.4135 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

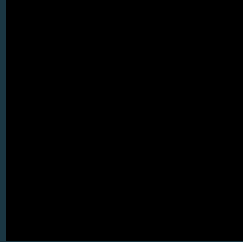
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

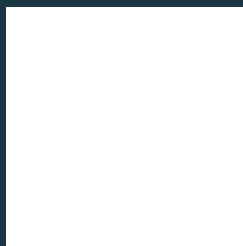
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 47.9960, 9.3690, -18.4135

Background



This preview shows how black text looks on a background with the YUV color 47.9960, 9.3690, -18.4135.



This preview shows how white text looks on a background with the YUV color 47.9960, 9.3690, -18.4135.

-18.4135.

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, 9.3690, -18.4135

Protanopia

51.5850, 6.1206, -3.1440

Deuteranopia

51.7420, 8.0152, -4.1587



Tritanopia

47.0020, 6.9010, -20.1728

Trichromacy



Original Color

47.9960, 9.3690, -18.4135

Protanomaly

49.8940, 7.4473, -8.6770

Deuteranomaly

50.2360, 8.7577, -8.9770

Tritanomaly

47.5290, 7.6272, -19.7579

Monochromacy



Original Color

47.9960, 9.3690, -18.4135

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1670, 3.3687, -7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9960, 9.3690, -18.4135 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(27, 55, 67)` looks like.

```
.text, #text, p{  
    color:rgb(27, 55, 67)  
}
```

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(27, 55, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 55, 67) }
```

Border

The CSS property to change the border of an element to YUV 47.9960, 9.3690, -18.4135 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(27, 55, 67) }
```


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

```
.border{ border-color:rgb(27, 55, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 55, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 55, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 55, 67);  
box-shadow:4px 4px 4px 4px rgb(27, 55, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.9960, 9.3690, -18.4135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 55, 67) }
```

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

```
.background{ background-color: rgb(27, 55,  
67) }
```

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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