

Converting Colors

YUV(46.9480, 5.4486, -21.0024)

Have a look what the booklet for
YUV(46.9480, 5.4486, -21.0024)
contains.

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Color

**YUV(46.9480, 5.4486,
-21.0024)**

Conversions

Conversions Part 1

Format	Color
Hex	17393A
RGB	23, 57, 58
RGB Percent	9%, 22%, 23%
CMY	0.9098, 0.7765, 0.7725
CMYK	0.60, 0.02, 0.00, 0.77
HSL	182°, 43%, 16%
HSV	182°, 60%, 23%
XYZ	2.5802, 3.4139, 4.5259
YIQ	46.9480, -20.5850, -6.8970

Conversions

Conversions Part 2

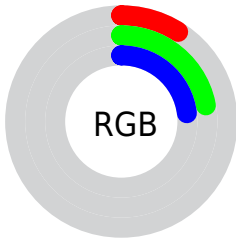
Format	Color
R_{YB}	23, 40, 58
Decimal	1521978
CIE _{Lab}	21.63, -11.93, -4.40
CIE _{LCh}	22, 12.716, 200.246
Yxy	3.4139, 0.2453, 0.3245
Android (android.graphics.Color)	4279712058 (0xFF17393A)
YUV	46.9480, 5.4486, -21.0024
Hunter-Lab	18.4767, -7.4076, -1.5896

Details

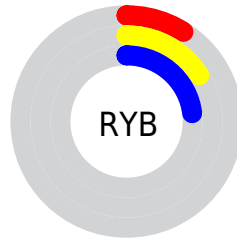
The YUV color **46.9480, 5.4486, -21.0024** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **34.0520, -5.4486, 21.0024**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.9480, 5.4486, -21.0024**, and **8.7540, 3.0793, -7.6773** is the 20% darker color. If you saturate the color by 10%, you get **45.1540, 6.3331, -24.6911**, and if you desaturate by 10%, it is **48.7420, 4.5642, -17.3137**.

Distribution



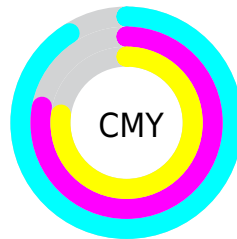
- Red (9%)
- Green (22%)
- Blue (23%)



- Red (9%)
- Yellow (16%)
- Blue (23%)



- Cyan (60%)
- Magenta (2%)
- Yellow (0%)
- Black (77%)



- Cyan (91%)
- Magenta (78%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.9480, 5.4486, -21.0024 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 46.9480, 5.4486, -21.0024 by changing the saturation by 10% instead.

■ 46.9480, 5.4486,
-21.0024

■ 46.9480, 5.4486,
-21.0024

■ 255.0000, 0.0000,
0.0000

■ 24.6490, 5.5960,
-21.6172

■ 93.9480, 5.4486,
-21.0024

■ 8.7540, 3.0793,
-7.6773

■ 118.9480, 5.4486,
-21.0024

■ 0.0000, 0.0000,
0.0000

■ 144.6490, 5.5960,
-21.6172

■ 171.3500, 5.7435,
-22.2319

■ 199.0510, 5.8909,
-22.8467

■ 227.0510, 5.8909,

-22.8467

■ 247.2260, 3.8326,
-15.9842

■ 46.9480, 5.4486,
-21.0024

■ 46.9480, 5.4486,
-21.0024

■ 45.1540, 6.3331,
-24.6911

■ 48.7420, 4.5642,
-17.3137

■ 43.3600, 7.2175,
-28.3797

■ 50.5360, 3.6798,
-13.6251

■ 41.8650, 7.9546,
-31.4536

■ 52.0310, 2.9427,
-10.5512

■ 39.4840, 9.1284,
-34.6275

■ 54.4120, 1.7689,
-7.3773

■ 56.2060, 0.8844,
-3.6887

■ 58.0000, 0.0000,
0.0000

■ 59.7940, -0.8844,
3.6887

■ 61.2890, -1.6215,
6.7625

■ 63.0830, -2.5059,
10.4512

Harmonies

Analogous

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



48.2000, -0.0986, -15.0844



46.9480, 5.4486, -21.0024



47.5720, 9.0850, -20.6726

Triad

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



46.9480, 5.4486, -21.0024



53.1240, 5.3619, 6.9073



51.3510, -9.0470, 8.4622

Complementary

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



46.9480, 5.4486, -21.0024



34.0520, -5.4486, 21.0024

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.



52.2530, -7.0267, 13.8101



46.9480, 5.4486, -21.0024



53.0170, 0.9776, 13.1401

Square

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



46.9480, 5.4486, -21.0024



52.4540, 8.1572, -3.0292



52.8880, -3.3958, 15.8842



50.5350, -8.1518, 1.2848

Rectangle

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



46.9480, 5.4486, -21.0024



49.4200, 9.6529, -16.1543



52.8880, -3.3958, 15.8842



51.7750, -8.7631, 10.7213

Sweetspot

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



46.9480, 5.4486, -21.0024



72.2270, 2.3531, -8.0921



43.6590, -9.6919, -18.1179



35.6080, 1.1793, -4.9182



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



46.9480, 5.4486, -21.0024



59.0820, 8.8336, -33.3979



36.9690, 10.3683, -12.2508



27.1030, 0.4422, -1.8443



62.7310, 14.4296, -55.0151



149.9970, 34.0185, -131.5474

Inverse Universe

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



37.3410, 9.6919, 18.1179



43.9000, 15.3323, 29.0287



44.0310, -10.3683, 12.2508



26.2390, 0.8682, 1.5444



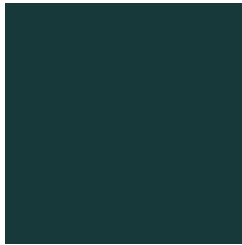
37.6540, 25.3136, 47.6614



89.7630, 60.7558, 113.3408

Previews

White Background



This preview shows how the YUV color 46.9480, 5.4486, -21.0024 looks on a white background.

Color Contrast Check

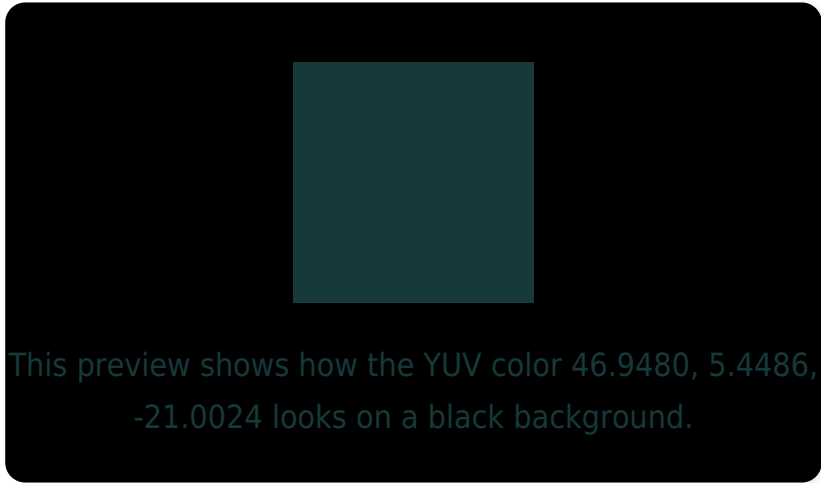
Large Text (above 18pt) WCAG AA ✓ Pass

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

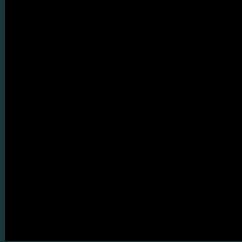
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

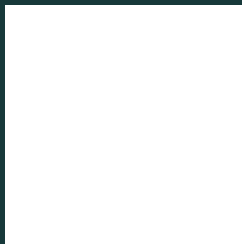
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 46.9480, 5.4486, -21.0024

Background



This preview shows how black text looks on a background with the YUV color 46.9480, 5.4486, -21.0024.



This preview shows how white text looks on a background with the YUV color 46.9480, 5.4486, -21.0024.

-21.0024.

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

46.9480, 5.4486, -21.0024

Protanopia

52.3420, 1.3104, -0.2999

Deuteranopia

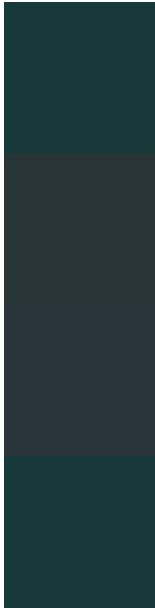
52.5100, 3.1996, 0.4297



Tritanopia

47.5890, 6.6116, -20.6876

Trichromacy



Original Color

46.9480, 5.4486, -21.0024

Protanomaly

50.3410, 2.7899, -8.1921

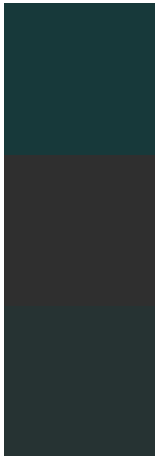
Deuteranomaly

50.3950, 4.2423, -7.3624

Tritanomaly

47.4750, 6.1748, -20.5876

Monochromacy



Original Color

46.9480, 5.4486, -21.0024

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1130, 1.9163, -7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9480, 5.4486, -21.0024 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(23, 57, 58)` looks like.

```
.text, #text, p{  
    color:rgb(23, 57, 58)  
}
```

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(23, 57, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 57, 58) }
```

Border

The CSS property to change the border of an element to YUV 46.9480, 5.4486, -21.0024 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(23, 57, 58) }
```


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

```
.border{ border-color:rgb(23, 57, 58) }
```

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

Here you see how a box with a 4 pixel rgb(23, 57, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 57, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 57, 58);  
box-shadow:4px 4px 4px 4px rgb(23, 57, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.9480, 5.4486, -21.0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 57, 58) }
```

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

```
.background{ background-color: rgb(23, 57,  
58) }
```

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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