

Converting Colors

YUV(48.4320, 4.7170, -19.6729)

Have a look what the booklet for
YUV(48.4320, 4.7170, -19.6729)
contains.

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Color

**YUV(48.4320, 4.7170,
-19.6729)**

Conversions

Conversions Part 1

Format	Color
Hex	1A3A3A
RGB	26, 58, 58
RGB Percent	10%, 23%, 23%
CMY	0.8980, 0.7725, 0.7725
CMYK	0.55, 0.00, 0.00, 0.77
HSL	180°, 38%, 16%
HSV	180°, 55%, 23%
XYZ	2.7028, 3.5512, 4.5460
YIQ	48.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

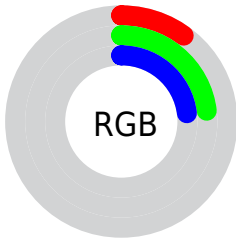
Format	Color
R _Y B	26, 42, 58
Decimal	1718842
CIE Lab	22.13, -11.73, -3.64
CIE LCh	22, 12.286, 197.254
Yxy	3.5512, 0.2503, 0.3288
Android (android.graphics.Color)	4279908922 (0xFF1A3A3A)
YUV	48.4320, 4.7170, -19.6729
Hunter-Lab	18.8447, -7.3770, -1.1115

Details

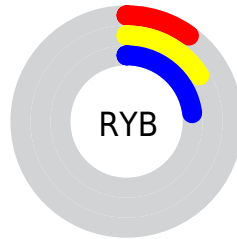
The YUV color **48.4320, 4.7170, -19.6729** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **35.5680, -4.7170, 19.6729**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.4320, 4.7170, -19.6729**, and **10.5150, 2.2111, -9.2217** is the 20% darker color. If you saturate the color by 10%, you get **46.6380, 5.6015, -23.3615**, and if you desaturate by 10%, it is **50.2260, 3.8326, -15.9842**.

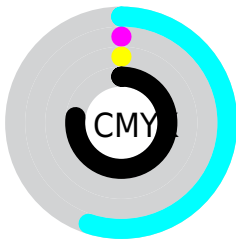
Distribution



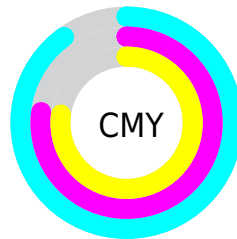
- Red (10%)
- Green (23%)
- Blue (23%)



- Red (10%)
- Yellow (16%)
- Blue (23%)



- Cyan (55%)
- Magenta (0%)
- Yellow (0%)
- Black (77%)



- Cyan (90%)
- Magenta (77%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.4320, 4.7170, -19.6729 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 48.4320, 4.7170, -19.6729 by changing the saturation by 10% instead.

■ 48.4320, 4.7170,
-19.6729

■ 48.4320, 4.7170,
-19.6729

■ 255.0000, 0.0000,
0.0000

■ 26.1330, 4.8644,
-20.2876

■ 95.4320, 4.7170,
-19.6729

■ 10.5150, 2.2111,
-9.2217

■ 120.1330, 4.8644,
-20.2876

■ 0.0000, 0.0000,
0.0000

■ 146.7200, 4.5750,
-20.8024

■ 172.8340, 5.0118,
-20.9024

■ 200.5350, 5.1592,
-21.5172

■ 228.2360, 5.3067,

-22.1320

■ 248.1230, 3.3904,
-14.1399

■ 48.4320, 4.7170,
-19.6729

■ 48.4320, 4.7170,
-19.6729

■ 46.6380, 5.6015,
-23.3615

■ 50.2260, 3.8326,
-15.9842

■ 44.8440, 6.4859,
-27.0502

■ 52.0200, 2.9481,
-12.2955

■ 43.3490, 7.2229,
-30.1241

■ 53.5150, 2.2111,
-9.2217

■ 41.5550, 8.1074,
-33.8127

■ 55.3090, 1.3267,
-5.5330

■ 40.6580, 8.5496,
-35.6571

■ 57.1030, 0.4422,
-1.8443

■ 58.8970, -0.4422,
1.8443

■ 60.6910, -1.3267,
5.5330

■ 62.1860, -2.0637,
8.6069

■ 63.9800, -2.9481,
12.2955

Harmonies

Analogous

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



49.4990, -0.2460, -14.4696



48.4320, 4.7170, -19.6729



48.7570, 8.5008, -19.9579

Triad

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



48.4320, 4.7170, -19.6729



54.4120, 5.2199, 5.7777



52.7640, -8.7577, 8.9770

Complementary

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



48.4320, 4.7170, -19.6729



35.5680, -4.7170, 19.6729

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.



53.3670, -6.5899, 13.7101



48.4320, 4.7170, -19.6729



54.7180, 1.1250, 12.5253

Square

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



48.4320, 4.7170, -19.6729



53.1550, 8.3046, -3.6439



53.7030, -2.8116, 15.1695



51.8340, -8.2992, 1.8996

Rectangle

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



48.4320, 4.7170, -19.6729



50.3060, 9.2161, -16.0544



53.7030, -2.8116, 15.1695



52.8890, -8.3263, 10.6213

Sweetspot

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



48.4320, 4.7170, -19.6729



72.8140, 2.0637, -8.6069



44.7840, -9.2605, -16.4736



35.9070, 1.0318, -4.3034



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.



48.4320, 4.7170, -19.6729



61.7510, 7.5178, -31.3536



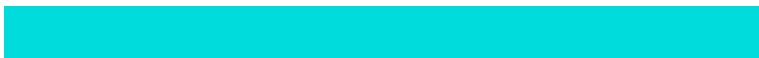
39.0400, 9.3473, -11.4361



27.1030, 0.4422, -1.8443



64.4920, 13.5614, -56.5595



153.5190, 32.2821, -134.6362

Inverse Universe

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



39.2160, 9.2605, 16.4736



47.0630, 14.7589, 26.2547



44.9600, -9.3473, 11.4361



26.2390, 0.8682, 1.5444



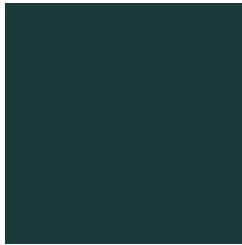
37.9960, 26.6240, 47.3615



90.4470, 63.3766, 112.7410

Previews

White Background



This preview shows how the YUV color 48.4320, 4.7170, -19.6729 looks on a white background.

Color Contrast Check

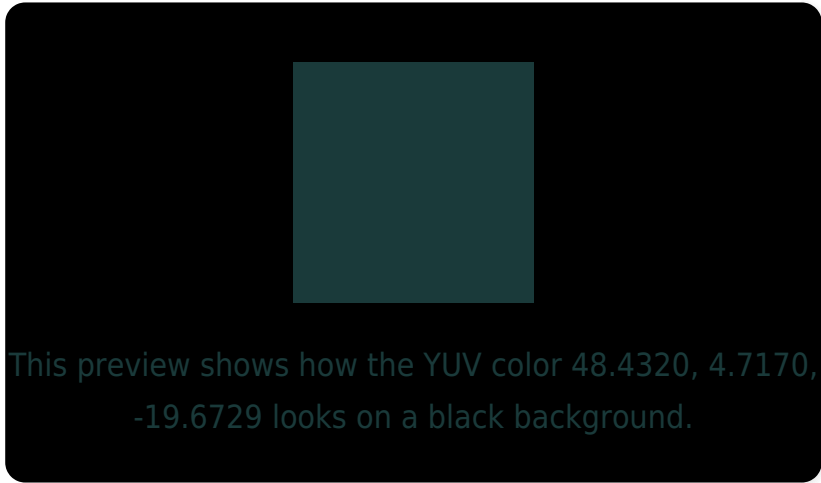
Large Text (above 18pt) WCAG AA ✓ Pass

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

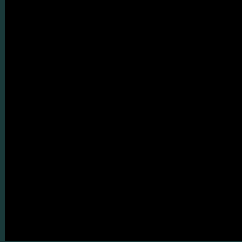
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

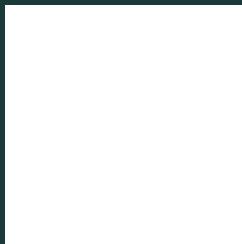
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 48.4320, 4.7170, -19.6729

Background



This preview shows how black text looks on a background with the YUV color 48.4320, 4.7170, -19.6729.



This preview shows how white text looks on a background with the YUV color 48.4320, 4.7170, -19.6729.

-19.6729.

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

48.4320, 4.7170, -19.6729

Protanopia

53.2280, 0.8736, -0.2000

Deuteranopia

53.1080, 2.9048, 1.6593



Tritanopia

48.8990, 6.4588, -18.3284

Trichromacy



Original Color

48.4320, 4.7170, -19.6729

Protanomaly

51.5260, 2.2057, -7.4773

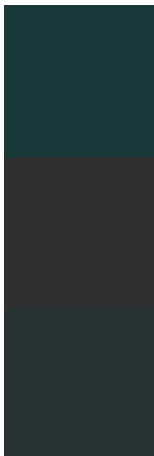
Deuteranomaly

51.5800, 3.6581, -6.6477

Tritanomaly

48.4860, 6.1694, -18.8432

Monochromacy



Original Color

48.4320, 4.7170, -19.6729

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.4120, 1.7689, -7.3773

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.4320, 4.7170, -19.6729 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(26, 58, 58)` looks like.

```
.text, #text, p{  
    color:rgb(26, 58, 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(26, 58, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 58, 58) }
```

Border

The CSS property to change the border of an element to YUV 48.4320, 4.7170, -19.6729 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(26, 58, 58) }
```


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

```
.border{ border-color:rgb(26, 58, 58) }
```

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

Here you see how a box with a 4 pixel rgb(26, 58, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 58, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 58, 58);  
box-shadow:4px 4px 4px 4px rgb(26, 58, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.4320, 4.7170, -19.6729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 58, 58) }
```

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

```
.background{ background-color: rgb(26, 58,  
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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