

Converting Colors

YUV(44.1280, 2.4019, -23.7913)

Have a look what the booklet for
YUV(44.1280, 2.4019, -23.7913)
contains.

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Color

**YUV(44.1280, 2.4019,
-23.7913)**

Conversions

Conversions Part 1

Format	Color
Hex	113931
RGB	17, 57, 49
RGB Percent	7%, 22%, 19%
CMY	0.9333, 0.7765, 0.8078
CMYK	0.70, 0.00, 0.14, 0.78
HSL	168°, 54%, 15%
HSV	168°, 70%, 22%
XYZ	2.2487, 3.2672, 3.4178
YIQ	44.1280, -21.2720, -10.9680

Conversions

Conversions Part 2

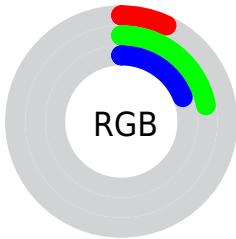
Format	Color
R_{YB}	17, 39, 57
Decimal	1128753
CIE _{Lab}	21.08, -16.31, 0.85
CIE _{LCh}	21, 16.328, 177.025
Yxy	3.2672, 0.2517, 0.3657
Android (android.graphics.Color)	4279318833 (0xFF113931)
YUV	44.1280, 2.4019, -23.7913
Hunter-Lab	18.0753, -9.4254, 1.4417

Details

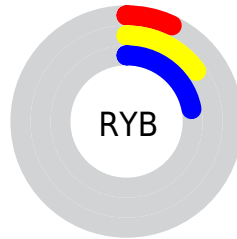
The YUV color **44.1280, 2.4019, -23.7913** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29.8720, -2.4019, 23.7913**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.3130, 1.8177, -23.0765**, and **4.9240, -1.4415, -4.3183** is the 20% darker color. If you saturate the color by 10%, you get **42.2200, 2.8495, -27.3799**, and if you desaturate by 10%, it is **46.0360, 1.9543, -20.2026**.

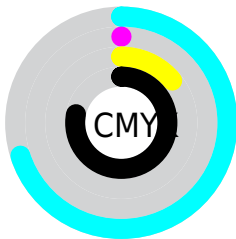
Distribution



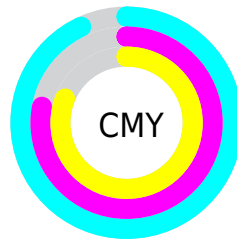
- Red (7%)
- Green (22%)
- Blue (19%)



- Red (7%)
- Yellow (15%)
- Blue (22%)



- Cyan (70%)
- Magenta (0%)
- Yellow (14%)
- Black (78%)



- Cyan (93%)
- Magenta (78%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.1280, 2.4019, -23.7913 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 44.1280, 2.4019, -23.7913 by changing the saturation by 10% instead.

■ 44.1280, 2.4019,
-23.7913

■ 44.1280, 2.4019,
-23.7913

■ 254.1030, 0.4422,
-1.8443

■ 23.7370, 2.1017,
-20.8173

■ 91.3130, 1.8177,
-23.0765

■ 4.9240, -1.4415,
-4.3183

■ 116.6010, 1.6757,
-24.2061

■ 0.0000, 0.0000,
0.0000

■ 142.1880, 1.3863,
-24.7209

■ 169.1880, 1.3863,
-24.7209

■ 195.8890, 1.5337,
-25.3357

■ 224.4760, 1.2443,

-25.8505

■ 245.4320, 4.7170,
-19.6729

■ 44.1280, 2.4019,
-23.7913

■ 44.1280, 2.4019,
-23.7913

■ 42.2200, 2.8495,
-27.3799

■ 46.0360, 1.9543,
-20.2026

■ 40.6110, 3.1498,
-30.3538

■ 47.6450, 1.6540,
-17.2287

■ 38.7030, 3.5974,
-33.9425

■ 49.5530, 1.2064,
-13.6400

■ 51.5750, 1.1955,
-10.1513

■ 53.4830, 0.7479,
-6.5626

■ 55.0920, 0.4476,
-3.5887

■ 57.0000, 0.0000,
0.0000

■ 58.9080, -0.4476,
3.5887

■ 60.5170, -0.7479,
6.5626

Harmonies

Analogous

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



46.9570, -4.9088, -12.2403



44.1280, 2.4019, -23.7913



41.0110, 9.8546, -34.2126

Triad

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



44.1280, 2.4019, -23.7913



51.3340, 10.1883, -1.1699



50.5800, -9.6529, 16.1543

Complementary

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



44.1280, 2.4019, -23.7913



29.8720, -2.4019, 23.7913

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.



51.3400, -5.5906, 19.8728



44.1280, 2.4019, -23.7913



52.5590, 5.6404, 10.9108

Square

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



44.1280, 2.4019, -23.7913



48.2290, 12.7051, -15.1098



51.8220, 0.0878, 18.5731



50.2540, -11.9572, 8.5472

Rectangle

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



44.1280, 2.4019, -23.7913



41.8200, 12.9067, -33.1681



51.8220, 0.0878, 18.5731



50.9330, -8.3480, 17.5988

Sweetspot

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



44.1280, 2.4019, -23.7913



68.8740, 1.0481, -9.5365



42.8720, -12.7549, -15.6737



35.0810, 0.4531, -5.3330



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.



44.1280, 2.4019, -23.7913



54.0940, 3.8977, -36.9164



37.9960, 9.3690, -18.4135



26.9890, 0.0054, -1.7444



62.3260, 5.2623, -54.6599



148.5030, 13.0630, -130.2371

Inverse Universe

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



29.8720, -2.4019, 23.7913



31.9060, -3.8977, 36.9164



36.0040, -9.3690, 18.4135



26.0110, -0.0054, 1.7444



29.5600, -5.6991, 54.7599



70.4970, -13.0630, 130.2371

Previews

White Background



This preview shows how the YUV color 44.1280, 2.4019, -23.7913 looks on a white background.

Color Contrast Check

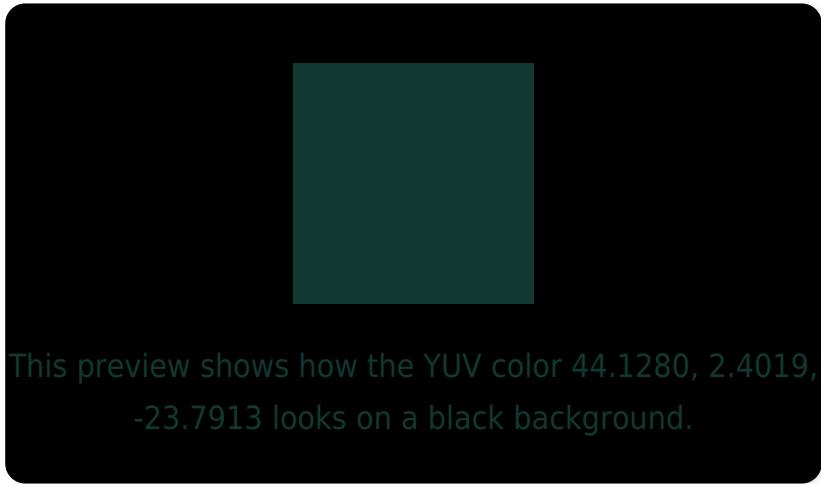
Large Text (above 18pt) WCAG AA ✓ Pass

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

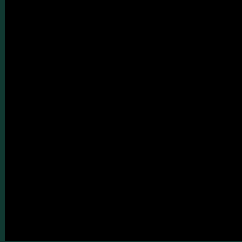
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.1280, 2.4019, -23.7913

Background



This preview shows how black text looks on a background with the YUV color 44.1280, 2.4019, -23.7913.



This preview shows how white text looks on a background with the YUV color 44.1280, 2.4019, -23.7913.

-23.7913.

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

44.1280, 2.4019, -23.7913

Protanopia

51.0280, -2.4788, 1.7294

Deuteranopia

51.3210, -0.1583, 4.1035



Tritanopia

45.7030, 7.0484, -20.7875

Trichromacy



Original Color

44.1280, 2.4019, -23.7913

Protanomaly

48.4290, -0.7045, -7.3922

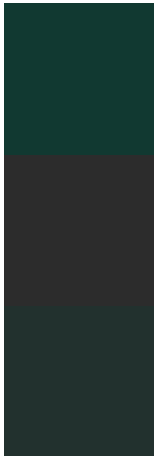
Deuteranomaly

48.7820, 0.6005, -5.9478

Tritanomaly

45.2360, 5.3067, -22.1320

Monochromacy



Original Color

44.1280, 2.4019, -23.7913

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.1730, 0.9007, -8.9217

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.1280, 2.4019, -23.7913 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(17, 57, 49)` looks like.

```
.text, #text, p{  
    color:rgb(17, 57, 49)  
}
```

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(17, 57, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 57, 49) }
```

Border

The CSS property to change the border of an element to YUV 44.1280, 2.4019, -23.7913 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(17, 57, 49) }
```


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

```
.border{ border-color:rgb(17, 57, 49) }
```

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

Here you see how a box with a 4 pixel rgb(17, 57, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 57, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 57, 49);  
box-shadow:4px 4px 4px 4px rgb(17, 57, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.1280, 2.4019, -23.7913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 57, 49) }
```

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

```
.background{ background-color: rgb(17, 57,  
49) }
```

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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