

Converting Colors

YUV(46.0680, 3.4175, -22.8616)

Have a look what the booklet for
YUV(46.0680, 3.4175, -22.8616)
contains.

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Color

**YUV(46.0680, 3.4175,
-22.8616)**

Conversions

Conversions Part 1

Format	Color
Hex	143A35
RGB	20, 58, 53
RGB Percent	8%, 23%, 21%
CMY	0.9216, 0.7725, 0.7922
CMYK	0.66, 0.00, 0.09, 0.77
HSL	172°, 49%, 15%
HSV	172°, 66%, 23%
XYZ	2.4442, 3.4319, 3.9018
YIQ	46.0680, -21.0430, -9.6110

Conversions

Conversions Part 2

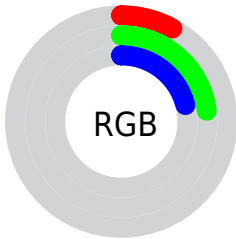
Format	Color
R_{YB}	20, 40, 58
Decimal	1325621
CIE _{Lab}	21.70, -14.90, -0.94
CIE _{LCh}	22, 14.933, 183.621
Yxy	3.4319, 0.2500, 0.3510
Android (android.graphics.Color)	4279515701 (0xFF143A35)
YUV	46.0680, 3.4175, -22.8616
Hunter-Lab	18.5253, -8.8688, 0.4802

Details

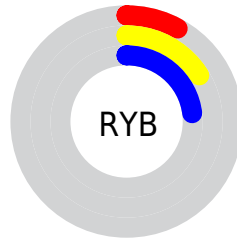
The YUV color **46.0680, 3.4175, -22.8616** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **31.9320, -3.4175, 22.8616**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.2530, 2.8333, -22.1469**, and **7.9560, 0.0217, -6.9774** is the 20% darker color. If you saturate the color by 10%, you get **44.1600, 3.8651, -26.4503**, and if you desaturate by 10%, it is **47.9760, 2.9698, -19.2730**.

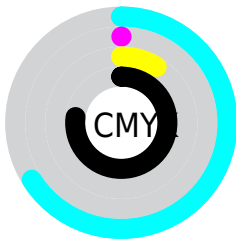
Distribution



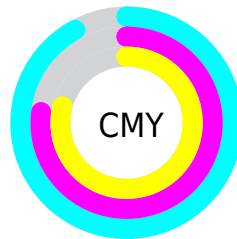
- Red (8%)
- Green (23%)
- Blue (21%)



- Red (8%)
- Yellow (16%)
- Blue (23%)



- Cyan (66%)
- Magenta (0%)
- Yellow (9%)
- Black (77%)



- Cyan (92%)
- Magenta (77%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.0680, 3.4175, -22.8616 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 46.0680, 3.4175, -22.8616 by changing the saturation by 10% instead.

■ 46.0680, 3.4175,
-22.8616

■ 46.0680, 3.4175,
-22.8616

■ 255.0000, 0.0000,
0.0000

■ 24.7800, 3.5595,
-21.7321

■ 93.2530, 2.8333,
-22.1469

■ 7.9560, 0.0217,
-6.9774

■ 118.5410, 2.6913,
-23.2765

■ 0.0000, 0.0000,
0.0000

■ 144.2420, 2.8387,
-23.8912

■ 170.9430, 2.9861,
-24.5060

■ 197.9430, 2.9861,
-24.5060

■ 226.5300, 2.6967,

-25.0208

■ 246.3290, 4.2748,
-17.8285

■ 46.0680, 3.4175,
-22.8616

■ 46.0680, 3.4175,
-22.8616

■ 44.1600, 3.8651,
-26.4503

■ 47.9760, 2.9698,
-19.2730

■ 42.2520, 4.3128,
-30.0390

■ 49.8840, 2.5222,
-15.6843

■ 40.7570, 5.0498,
-33.1129

■ 51.3790, 1.7852,
-12.6104

■ 39.7460, 5.0552,
-34.8572

■ 53.2870, 1.3375,
-9.0217

■ 55.1950, 0.8899,
-5.4330

■ 57.1030, 0.4422,
-1.8443

■ 58.8970, -0.4422,
1.8443

■ 60.5060, -0.7425,
4.8182

■ 62.4140, -1.1901,
8.4069

Harmonies

Analogous

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



48.1140, -3.0142, -13.2550



46.0680, 3.4175, -22.8616



44.9300, 9.4015, -28.8796

Triad

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



46.0680, 3.4175, -22.8616



53.1880, 8.2883, 1.5891



52.2700, -9.5001, 13.7952

Complementary

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



46.0680, 3.4175, -22.8616



31.9320, -3.4175, 22.8616

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.



52.8020, -6.3114, 17.7136



46.0680, 3.4175, -22.8616



53.5160, 4.1826, 11.8255

Square

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



46.0680, 3.4175, -22.8616



51.2080, 11.2365, -10.7064



53.4690, -1.2172, 17.1287



51.2860, -10.4940, 5.8882

Rectangle

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



46.0680, 3.4175, -22.8616



46.4080, 11.1379, -25.7908



53.4690, -1.2172, 17.1287



52.5090, -8.6319, 15.3396

Sweetspot

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



46.0680, 3.4175, -22.8616



71.8740, 1.0481, -9.5365



43.8010, -11.7339, -16.4885



35.1950, 0.8899, -5.4330



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.



46.0680, 3.4175, -22.8616



57.8490, 5.4974, -36.7016



38.4200, 9.6529, -16.1543



27.1030, 0.4422, -1.8443



63.1240, 8.3199, -55.3597



150.2130, 19.6150, -131.7368

Inverse Universe

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



31.9320, -3.4175, 22.8616



35.1510, -5.4974, 36.7016



39.5800, -9.6529, 16.1543



26.0110, -0.0054, 1.7444



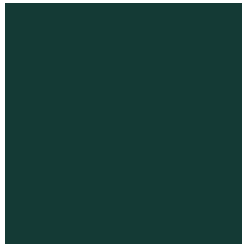
28.8760, -8.3199, 55.3597



68.7870, -19.6150, 131.7368

Previews

White Background



This preview shows how the YUV color 46.0680, 3.4175, -22.8616 looks on a white background.

Color Contrast Check

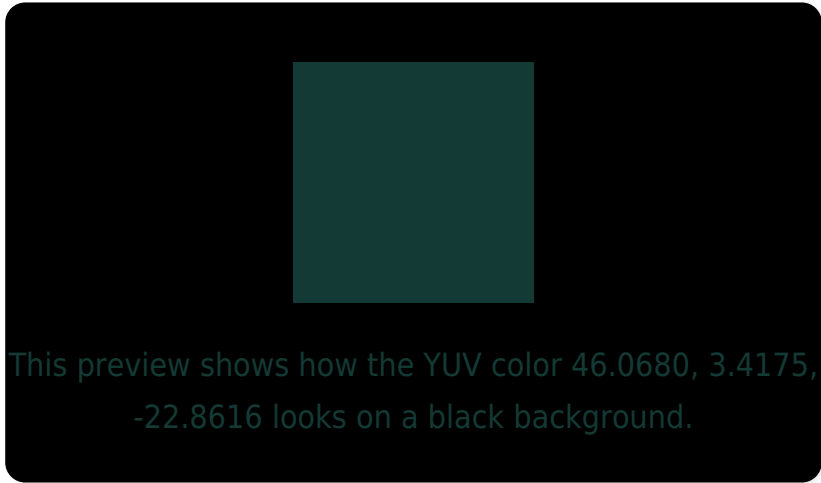
Large Text (above 18pt) WCAG AA ✓ Pass

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

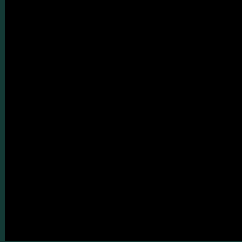
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.0680, 3.4175, -22.8616

Background



This preview shows how black text looks on a background with the YUV color 46.0680, 3.4175, -22.8616.



This preview shows how white text looks on a background with the YUV color 46.0680, 3.4175, -22.8616.

-22.8616.

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

46.0680, 3.4175, -22.8616

Protanopia

51.9570, -1.4578, 0.9147

Deuteranopia

52.3640, 1.2995, 3.1888



Tritanopia

47.5890, 6.6116, -20.6876

Trichromacy



Original Color

46.0680, 3.4175, -22.8616

Protanomaly

49.6570, 0.1691, -7.5922

Deuteranomaly

50.1240, 1.9109, -6.2477

Tritanomaly

46.9480, 5.4486, -21.0024

Monochromacy



Original Color

46.0680, 3.4175, -22.8616

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.0680, 3.4175, -22.8616 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(20, 58, 53)` looks like.

```
.text, #text, p{  
    color:rgb(20, 58, 53)  
}
```

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(20, 58, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 58, 53) }
```

Border

The CSS property to change the border of an element to YUV 46.0680, 3.4175, -22.8616 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(20, 58, 53) }
```


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

```
.border{ border-color:rgb(20, 58, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 58, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 58, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 58, 53);  
box-shadow:4px 4px 4px 4px rgb(20, 58, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.0680, 3.4175, -22.8616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 58, 53) }
```

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

```
.background{ background-color: rgb(20, 58,  
53) }
```

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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