

Converting Colors

YUV(53.0680, 3.4175, -22.8616)

Have a look what the booklet for
YUV(53.0680, 3.4175, -22.8616)
contains.

YUV(53.0680, 3.4175, -22.8616)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(53.0680, 3.4175,
-22.8616)**

Conversions

Conversions Part 1

Format	Color
Hex	1B413C
RGB	27, 65, 60
RGB Percent	11%, 25%, 24%
CMY	0.8941, 0.7451, 0.7647
CMYK	0.58, 0.00, 0.08, 0.75
HSL	172°, 41%, 18%
HSV	172°, 58%, 25%
XYZ	3.1579, 4.3398, 4.9462
YIQ	53.0680, -21.0430, -9.6110

Conversions

Conversions Part 2

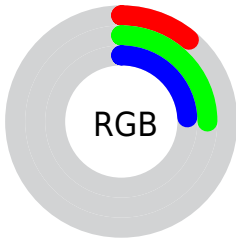
Format	Color
R_{YB}	27, 47, 65
Decimal	1786172
CIE Lab	24.76, -14.97, -1.08
CIE LCh	25, 15.008, 184.120
Yxy	4.3398, 0.2538, 0.3488
Android (android.graphics.Color)	4279976252 (0xFF1B413C)
YUV	53.0680, 3.4175, -22.8616
Hunter-Lab	20.8323, -9.3983, 0.5054

Details

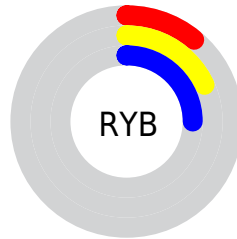
The YUV color **53.0680, 3.4175, -22.8616** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **38.9320, -3.4175, 22.8616**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.9540, 2.9807, -22.7617**, and **15.5530, 1.2064, -13.6400** is the 20% darker color. If you saturate the color by 10%, you get **51.1600, 3.8651, -26.4503**, and if you desaturate by 10%, it is **55.2750, 2.8224, -18.6582**.

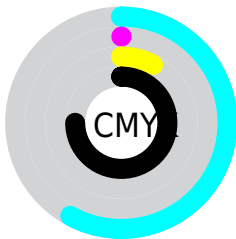
Distribution



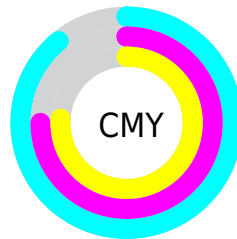
- Red (11%)
- Green (25%)
- Blue (24%)



- Red (11%)
- Yellow (18%)
- Blue (25%)



- Cyan (58%)
- Magenta (0%)
- Yellow (8%)
- Black (75%)



- Cyan (89%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.0680, 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 53.0680, 3.4175, -22.8616 by changing the saturation by 10% instead.

■ 53.0680, 3.4175,
-22.8616

■ 53.0680, 3.4175,
-22.8616

■ 255.0000, 0.0000,
0.0000

■ 30.1710, 3.8597,
-24.7060

■ 100.9540, 2.9807,
-22.7617

■ 15.5530, 1.2064,
-13.6400

■ 126.2420, 2.8387,
-23.8912

■ 0.0000, 0.0000,
0.0000

■ 152.3560, 3.2755,
-23.9912

■ 178.9430, 2.9861,
-24.5060

■ 206.6440, 3.1335,
-25.1208

■ 235.2310, 2.8441,

-25.6356

■ 249.0200, 2.9481,
-12.2955

■ 53.0680, 3.4175,
-22.8616

■ 53.0680, 3.4175,
-22.8616

■ 51.1600, 3.8651,
-26.4503

■ 55.2750, 2.8224,
-18.6582

■ 48.9530, 4.4602,
-30.6538

■ 57.1830, 2.3748,
-15.0695

■ 47.0450, 4.9078,
-34.2425

■ 59.3900, 1.7797,
-10.8660

■ 44.9520, 5.9397,
-38.5459

■ 61.1840, 0.8953,
-7.1774

■ 44.5390, 5.6503,
-39.0607

■ 63.3910, 0.3002,
-2.9739

■ 65.2990, -0.1474,
0.6148

■ 67.5060, -0.7425,
4.8182

■ 69.4140, -1.1901,
8.4069

■ 71.6210, -1.7852,
12.6104

Harmonies

Analogous

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



55.1140, -3.0142, -13.2550



53.0680, 3.4175, -22.8616



52.5280, 9.1067, -27.6501

Triad

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



53.0680, 3.4175, -22.8616



59.6010, 8.5777, 2.1039



59.1560, -9.9369, 13.8952

Complementary

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



53.0680, 3.4175, -22.8616



38.9320, -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.



59.5140, -6.1694, 18.8432



53.0680, 3.4175, -22.8616



60.8150, 4.0352, 12.4402

Square

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



53.0680, 3.4175, -22.8616



57.6210, 11.5258, -10.1916



60.1810, -1.0752, 18.2583



58.1720, -10.9308, 5.9882

Rectangle

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



53.0680, 3.4175, -22.8616



53.2340, 11.7166, -24.7612



60.1810, -1.0752, 18.2583



59.3950, -9.0687, 15.4396

Sweetspot

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



53.0680, 3.4175, -22.8616



79.2870, 1.3375, -9.0217



50.8010, -11.7339, -16.4885



40.1950, 0.8899, -5.4330



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.



53.0680, 3.4175, -22.8616



65.4470, 5.2026, -35.4720



45.4200, 9.6529, -16.1543



32.1030, 0.4422, -1.8443



66.5150, 8.6201, -58.3337



153.7180, 20.3520, -134.8107

Inverse Universe

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



38.9320, -3.4175, 22.8616



43.5530, -5.2026, 35.4720



46.5800, -9.6529, 16.1543



30.8970, -0.4422, 1.8443



30.4850, -8.6201, 58.3337



70.3960, -19.9152, 134.7107

Previews

White Background



This preview shows how the YUV color 53.0680, 3.4175, -22.8616 looks on a white background.

Color Contrast Check

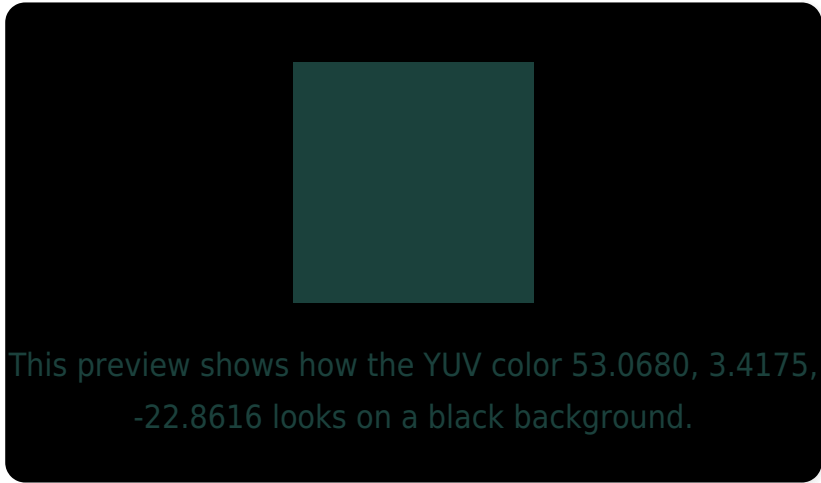
Large Text (above 18pt) WCAG AA ✓ Pass

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

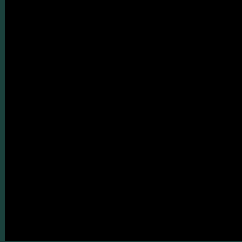
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.0680, 3.4175, -22.8616

Background



This preview shows how black text looks on a background with the YUV color 53.0680, 3.4175, -22.8616.



This preview shows how white text looks on a background with the YUV color 53.0680, 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

53.0680, 3.4175, -22.8616

Protanopia

58.3700, -1.1684, 1.4295

Deuteranopia

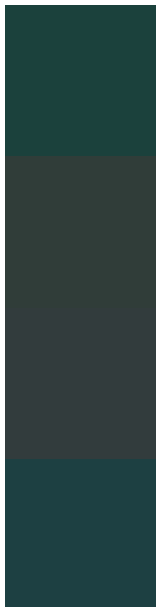
59.3640, 1.2995, 3.1888



Tritanopia

54.4040, 7.1958, -21.4023

Trichromacy



Original Color

53.0680, 3.4175, -22.8616

Protanomaly

56.6570, 0.1691, -7.5922

Deuteranomaly

57.1240, 1.9109, -6.2477

Tritanomaly

53.7630, 6.0328, -21.7172

Monochromacy



Original Color

53.0680, 3.4175, -22.8616

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.0680, 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(27, 65, 60)` looks like.

```
.text, #text, p{  
    color:rgb(27, 65, 60)  
}
```

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, 65, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 65, 60) }
```

Border

The CSS property to change the border of an element to YUV 53.0680, 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(27, 65, 60) }
```


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

```
.border{ border-color:rgb(27, 65, 60) }
```

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

Here you see how a box with a 4 pixel rgb(27, 65, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 65, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 65, 60);  
box-shadow:4px 4px 4px 4px rgb(27, 65, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.0680, 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(27, 65, 60) }
```

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

```
.background{ background-color: rgb(27, 65,  
60) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor