

Converting Colors

YUV(53.9080, -7.3496, -22.7213)

Have a look what the booklet for
YUV(53.9080, -7.3496, -22.7213)
contains.

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Color

**YUV(53.9080, -7.3496,
-22.7213)**

Conversions

Conversions Part 1

Format	Color
Hex	1C4627
RGB	28, 70, 39
RGB Percent	11%, 27%, 15%
CMY	0.8902, 0.7255, 0.8471
CMYK	0.60, 0.00, 0.44, 0.73
HSL	136°, 43%, 19%
HSV	136°, 60%, 27%
XYZ	3.0353, 4.7737, 2.6809
YIQ	53.9080, -15.0810, -18.5450

Conversions

Conversions Part 2

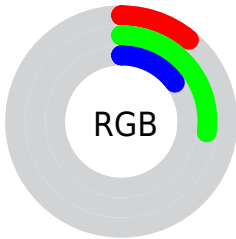
Format	Color
R_YB	28, 61, 70
Decimal	1852967
CIE _{Lab}	26.08, -22.75, 14.37
CIE _{LCh}	26, 26.905, 147.723
Yxy	4.7737, 0.2894, 0.4551
Android (android.graphics.Color)	4280043047 (0xFF1C4627)
YUV	53.9080, -7.3496, -22.7213
Hunter-Lab	21.8487, -13.4379, 8.0191

Details

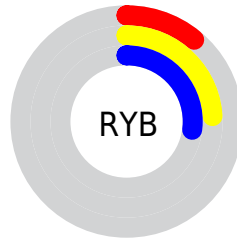
The YUV color **53.9080, -7.3496, -22.7213** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **44.0920, 7.3496, 22.7213**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.1530, -8.9494, -22.9362**, and **16.4360, -8.1029, -14.4144** is the 20% darker color. If you saturate the color by 10%, you get **51.2450, -8.5018, -26.5249**, and if you desaturate by 10%, it is **56.5710, -6.1975, -18.9178**.

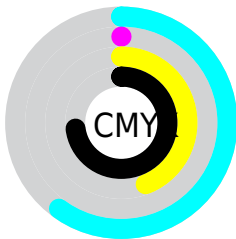
Distribution



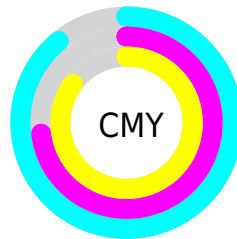
- Red (11%)
- Green (27%)
- Blue (15%)



- Red (11%)
- Yellow (24%)
- Blue (27%)



- Cyan (60%)
- Magenta (0%)
- Yellow (44%)
- Black (73%)



- Cyan (89%)
- Magenta (73%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.9080, -7.3496, -22.7213 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 53.9080, -7.3496, -22.7213 by changing the saturation by 10% instead.

■ 53.9080, -7.3496,
-22.7213

■ 53.9080, -7.3496,
-22.7213

255.0000, 0.0000,
0.0000

■ 30.5380, -6.1812,
-24.1508

■ 102.1530, -8.9494,
-22.9362

■ 16.4360, -8.1029,
-14.4144

■ 127.7400, -9.2388,
-23.4510

■ 0.0000, 0.0000,
0.0000

■ 153.3270, -9.5282,
-23.9658

■ 180.8000,
-10.2544, -24.3806

■ 208.3870,
-10.5438, -24.8954

■ 236.3870,

-10.5438, -24.8954

■ 248.0650, -2.0040,
-10.5810

■ 53.9080, -7.3496,
-22.7213

■ 53.9080, -7.3496,
-22.7213

■ 51.2450, -8.5018,
-26.5249

■ 56.5710, -6.1975,
-18.9178

■ 48.5820, -9.6539,
-30.3284

■ 59.2340, -5.0454,
-15.1142

■ 45.9190, -10.8061,
-34.1320

■ 62.0110, -3.4564,
-11.4106

■ 43.1420, -12.3950,
-37.8355

■ 64.6740, -2.3043,
-7.6071

■ 67.3370, -1.1521,
-3.8035

■ 70.0000, 0.0000,
0.0000

■ 72.6630, 1.1521,
3.8035

■ 75.3260, 2.3043,
7.6071

■ 78.1030, 3.8932,
11.3107

Harmonies

Analogous

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



57.6240, -16.5766, -3.1782



53.9080, -7.3496, -22.7213



48.9900, 4.9349, -42.9642

Triad

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



53.9080, -7.3496, -22.7213



53.3820, 23.9687, -34.5380



61.6190, -8.6862, 32.7831

Complementary

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



53.9080, -7.3496, -22.7213



44.0920, 7.3496, 22.7213

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.



62.4260, 0.7760, 31.1984



53.9080, -7.3496, -22.7213



62.5710, 17.4665, -2.2548

Square

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



53.9080, -7.3496, -22.7213



51.4470, 21.9646, -45.1190



63.7540, 9.9813, 18.6327



61.0990, -16.8108, 25.3462

Rectangle

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



53.9080, -7.3496, -22.7213



50.7000, 11.4869, -44.4639



63.7540, 9.9813, 18.6327



61.4280, -5.6340, 33.8276

Sweetspot

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



53.9080, -7.3496, -22.7213



85.5490, -2.7357, -9.2515



62.2220, -16.8714, -1.9487



42.0980, -2.0203, -5.3479



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



53.9080, -7.3496, -22.7213



66.6800, -11.6742, -35.6764



56.3020, 1.8231, -24.8209



34.4620, -0.7208, -2.1592



61.0770, -17.2930, -53.5645



139.9750, -39.9207, -122.7581

Inverse Universe

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



44.0920, 7.3496, 22.7213



51.2060, 11.2374, 35.7763



41.8120, -1.3863, 24.7209



33.5380, 0.7208, 2.1592



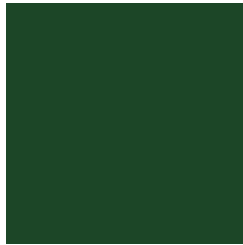
37.9230, 17.2930, 53.5645



87.0250, 39.9207, 122.7581

Previews

White Background



This preview shows how the YUV color 53.9080, -7.3496, -22.7213 looks on a white background.

Color Contrast Check

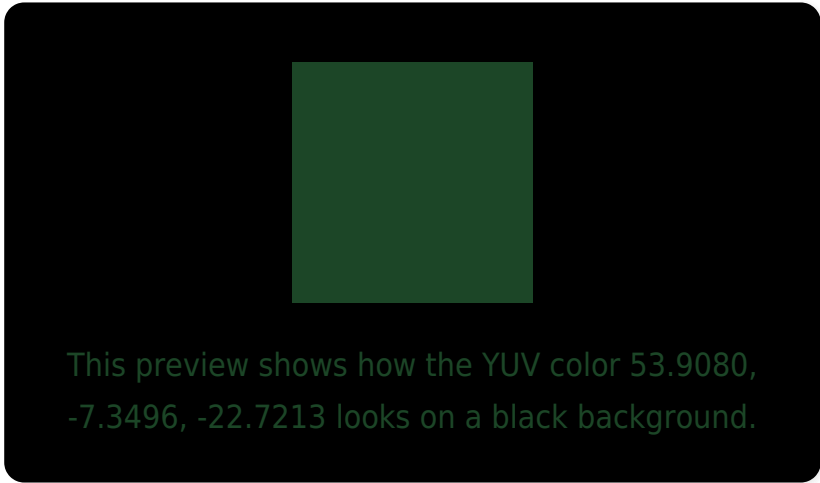
Large Text (above 18pt) WCAG AA ✓ Pass

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

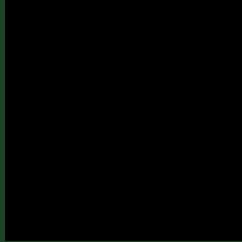
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.9080, -7.3496, -22.7213

Background



This preview shows how black text looks on a background with the YUV color 53.9080, -7.3496, -22.7213.



This preview shows how white text looks on a background with the YUV color 53.9080, -7.3496, -22.7213.

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

53.9080, -7.3496, -22.7213

Protanopia

60.8300, -12.2412, 6.2881

Deuteranopia

61.5470, -9.6367, 10.9213



Tritanopia

58.0130, 6.8956, -18.4284

Trichromacy



Original Color

53.9080, -7.3496, -22.7213

Protanomaly

58.2200, -10.4615, -4.5779

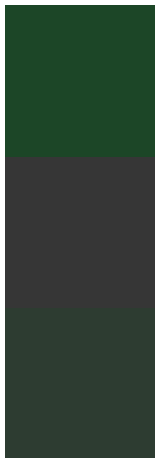
Deuteranomaly

58.6980, -8.7251, -1.4891

Tritanomaly

56.3350, 1.8068, -19.5878

Monochromacy



Original Color

53.9080, -7.3496, -22.7213

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.2610, -2.5937, -8.1219

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.9080, -7.3496, -22.7213 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(28, 70, 39)` looks like.

```
.text, #text, p{  
    color:rgb(28, 70, 39)  
}
```

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(28, 70, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 70, 39) }
```

Border

The CSS property to change the border of an element to YUV 53.9080, -7.3496, -22.7213 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(28, 70, 39) }
```


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

```
.border{ border-color:rgb(28, 70, 39) }
```

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

Here you see how a box with a 4 pixel rgb(28, 70, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 70, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 70, 39);  
box-shadow:4px 4px 4px 4px rgb(28, 70, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.9080, -7.3496, -22.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 70, 39) }
```

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

```
.background{ background-color: rgb(28, 70,  
39) }
```

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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