

Converting Colors

YUV(95.5670, -19.9995,
21.4277)

Have a look what the booklet for
YUV(95.5670, -19.9995, 21.4277)
contains.

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Color

**YUV(95.5670, -19.9995,
21.4277)**

Conversions

Conversions Part 1

Format	Color
Hex	785B37
RGB	120, 91, 55
RGB Percent	47%, 36%, 22%
CMY	0.5294, 0.6431, 0.7843
CMYK	0.00, 0.24, 0.54, 0.53
HSL	33°, 37%, 34%
HSV	33°, 54%, 47%
XYZ	12.1764, 11.7511, 5.2408
YIQ	95.5670, 28.8400, -5.0480

Conversions

Conversions Part 2

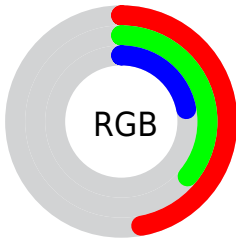
Format	Color
R_{YB}	107, 120, 55
Decimal	7887671
CIE Lab	40.82, 7.15, 25.21
CIE LCh	41, 26.205, 74.162
Yxy	11.7511, 0.4175, 0.4029
Android (android.graphics.Color)	4286077751 (0xFF785B37)
YUV	95.5670, -19.9995, 21.4277
Hunter-Lab	34.2798, 3.4145, 14.9314

Details

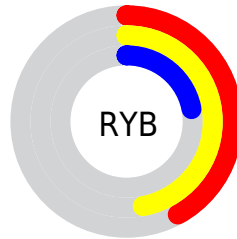
The YUV color **95.5670, -19.9995, 21.4277** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **79.4330, 19.9995, -21.4277**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5350, -21.4628, 24.0868**, and **48.3000, -18.3889, 18.1539** is the 20% darker color. If you saturate the color by 10%, you get **91.2640, -23.7942, 25.2015**, and if you desaturate by 10%, it is **99.8700, -16.2049, 17.6540**.

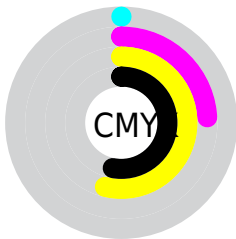
Distribution



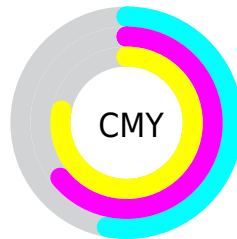
- Red (47%)
- Green (36%)
- Blue (22%)



- Red (42%)
- Yellow (47%)
- Blue (22%)



- Cyan (0%)
- Magenta (24%)
- Yellow (54%)
- Black (53%)



- Cyan (53%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5670, -19.9995, 21.4277 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 95.5670, -19.9995, 21.4277 by changing the saturation by 10% instead.

■ 95.5670, -19.9995,
21.4277

■ 95.5670, -19.9995,
21.4277

■ 255.0000, 0.0000,
0.0000

■ 71.7840, -19.1205,
19.4834

■ 146.5350,
-21.4628, 24.0868

■ 48.3000, -18.3889,
18.1539

■ 173.0190,
-22.1944, 25.4163

■ 28.1300, -13.8681,
14.7950

■ 201.0900,
-23.2154, 26.2311

■ 5.9800, -2.9481,
12.2955

■ 227.7800,
-23.0625, 23.8719

■ 0.0000, 0.0000,
0.0000

■ 247.4080,
-18.9351, 6.6582

■ 252.9480, -7.8624,

1.7996

■ 95.5670, -19.9995,
21.4277

■ 95.5670, -19.9995,
21.4277

■ 91.2640, -23.7942,
25.2015

■ 99.8700, -16.2049,
17.6540

■ 86.3740, -27.2994,
29.4900

■ 104.7600,
-12.6997, 13.3655

■ 82.0710, -31.0940,
33.2637

■ 109.0630, -8.9051,
9.5917

■ 77.7680, -34.8886,
37.0375

■ 113.3660, -5.1104,
5.8180

■ 74.6220, -36.7886,
39.7965

■ 118.2560, -1.6052,
1.5295

■ 122.5590, 2.1894,
-2.2442

■ 126.8620, 5.9840,
-6.0180

■ 131.7520, 9.4893,
-10.3065

■ 136.0550, 13.2839,
-14.0802

Harmonies

Analogous

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



97.0120, -14.7959, 32.4385



95.5670, -19.9995, 21.4277



93.5820, -19.5139, 5.6286

Triad

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



95.5670, -19.9995, 21.4277



78.1710, 13.7197, -60.6630



98.7360, 13.9342, 10.7555

Complementary

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



95.5670, -19.9995, 21.4277



79.4330, 19.9995, -21.4277

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.



95.7160, 20.8460, -12.9059



95.5670, -19.9995, 21.4277



76.4720, 23.9243, -67.0659

Square

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



95.5670, -19.9995, 21.4277



86.7370, -1.3493, -33.9723



88.3490, 23.9849, -39.7711



99.1420, 4.8600, 27.9395

Rectangle

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



95.5670, -19.9995, 21.4277



92.1290, -15.8396, -6.2521



88.3490, 23.9849, -39.7711



98.6750, 16.4292, 3.7930

Sweetspot

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



95.5670, -19.9995, 21.4277



146.1060, -7.4473, 8.6770



77.7410, 3.0857, 37.0611



73.1810, -4.5262, 5.1033



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



95.5670, -19.9995, 21.4277



117.3700, -31.2414, 33.8785



111.6930, -27.9496, 4.6542



58.5550, -1.7526, 2.1443



77.8780, -38.3939, 41.3260



157.5280, -77.6613, 82.8519

Inverse Universe

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



79.4330, 19.9995, -21.4277



92.6300, 31.2414, -33.8785



63.3070, 27.9496, -4.6542



57.4450, 1.7526, -2.1443



47.1220, 38.3939, -41.3260



95.0590, 77.3719, -83.3667

Previews

White Background



This preview shows how the YUV color 95.5670, -19.9995, 21.4277 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 × Fail

Black Background



This preview shows how the YUV color 95.5670, -19.9995, 21.4277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 95.5670, -19.9995, 21.4277

Background



This preview shows how black text looks on a background with the YUV color 95.5670, -19.9995, 21.4277.



This preview shows how white text looks on a background with the YUV color 95.5670, -19.9995,

21.4277.

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

95.5670, -19.9995, 21.4277

Protanopia

95.1310, -18.7986, 9.5321

Deuteranopia

95.5560, -19.9941, 19.6834



Tritanopia

97.8610, -2.3965, 22.0469

Trichromacy



Original Color

95.5670, -19.9995, 21.4277

Protanomaly

95.3380, -19.3936, 13.7356

Deuteranomaly

95.8550, -20.1415, 20.2982

Tritanomaly

97.1400, -8.9430, 21.8022

Monochromacy



Original Color

95.5670, -19.9995, 21.4277

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8070, -7.2999, 8.0623

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5670, -19.9995, 21.4277 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(120, 91, 55)` looks like.

```
.text, #text, p{  
    color:rgb(120, 91, 55)  
}
```

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(120, 91, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 91, 55) }
```

Border

The CSS property to change the border of an element to YUV 95.5670, -19.9995, 21.4277 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(120, 91, 55) }
```


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

```
.border{ border-color:rgb(120, 91, 55) }
```

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

Here you see how a box with a 4 pixel rgb(120, 91, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 91, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 91, 55);  
box-shadow:4px 4px 4px 4px rgb(120, 91,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 95.5670, -19.9995, 21.4277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 91, 55) }
```

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

```
.background{ background-color: rgb(120, 91,  
55) }
```

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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