

Converting Colors

YUV(81.9690, -20.1977,
-55.2238)

Have a look what the booklet for
YUV(81.9690, -20.1977, -55.2238)
contains.

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Color

**YUV(81.9690, -20.1977,
-55.2238)**

Conversions

Conversions Part 1

Format	Color
Hex	137A29
RGB	19, 122, 41
RGB Percent	7%, 48%, 16%
CMY	0.9255, 0.5216, 0.8392
CMYK	0.84, 0.00, 0.66, 0.52
HSL	133°, 73%, 28%
HSV	133°, 84%, 48%
XYZ	7.6283, 14.2176, 4.4400
YIQ	81.9690, -35.3870, -47.0270

Conversions

Conversions Part 2

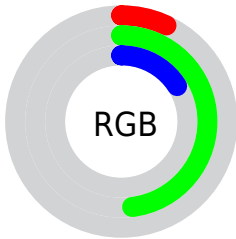
Format	Color
R_{YB}	19, 104, 122
Decimal	1276457
CIE _{Lab}	44.54, -45.29, 35.55
CIE _{LCh}	45, 57.571, 141.872
Yxy	14.2176, 0.2902, 0.5409
Android (android.graphics.Color)	4279466537 (0xFF137A29)
YUV	81.9690, -20.1977, -55.2238
Hunter-Lab	37.7062, -29.8737, 19.4128

Details

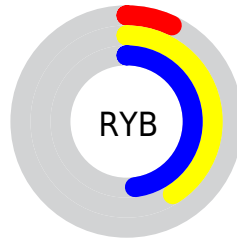
The YUV color **81.9690, -20.1977, -55.2238** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **59.0310, 20.1977, 55.2238**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6880, -24.0032, -47.9614**, and **42.2640, -20.8362, -37.0655** is the 20% darker color. If you saturate the color by 10%, you get **77.2410, -22.7968, -61.6014**, and if you desaturate by 10%, it is **86.6970, -17.5986, -48.8463**.

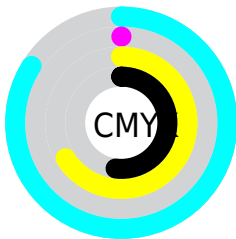
Distribution



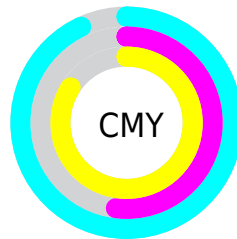
- Red (7%)
- Green (48%)
- Blue (16%)



- Red (7%)
- Yellow (41%)
- Blue (48%)



- Cyan (84%)
- Magenta (0%)
- Yellow (66%)
- Black (52%)



- Cyan (93%)
- Magenta (52%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.9690, -20.1977, -55.2238 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 81.9690, -20.1977, -55.2238 by changing the saturation by 10% instead.

■ 81.9690, -20.1977,
-55.2238

■ 81.9690, -20.1977,
-55.2238

255.0000, 0.0000,
0.0000

■ 58.1760, -20.7928,
-51.0204

■ 138.6880,
-24.0032, -47.9614

■ 42.2640, -20.8362,
-37.0655

■ 165.7590,
-25.0242, -47.1466

■ 28.1760, -13.8908,
-24.7104

■ 194.1180,
-26.1872, -47.4615

■ 14.6750, -7.2348,
-12.8700

■ 219.0690,
-25.1770, -44.7875

■ 0.0000, 0.0000,
0.0000

■ 230.9320,
-17.2215, -29.7584

■ 242.7950, -9.2659,

-14.7292

254.7720, -0.8736,
0.2000

■ 81.9690, -20.1977,
-55.2238

■ 81.9690, -20.1977,
-55.2238

■ 77.2410, -22.7968,
-61.6014

■ 86.6970, -17.5986,
-48.8463

■ 74.5780, -23.9490,
-65.4049

■ 91.3110, -15.4363,
-42.3687

■ 96.3380, -12.9846,
-35.3764

■ 100.9520,
-10.8223, -28.8989

■ 105.6800, -8.2232,
-22.5214

■ 110.4080, -5.6241,
-16.1438

■ 115.0220, -3.4618,
-9.6663

■ 120.0490, -1.0102,
-2.6740

■ 124.6630, 1.1521,
3.8035

Harmonies

Analogous

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



94.4370, -46.5574, -0.3832



81.9690, -20.1977, -55.2238



84.2220, 2.8486, -73.8627

Triad

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



81.9690, -20.1977, -55.2238



90.4190, 54.5164, -79.2975



98.2920, -12.4690, 79.5509

Complementary

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



81.9690, -20.1977, -55.2238



59.0310, 20.1977, 55.2238

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.



101.0950, 9.8132, 72.7077



81.9690, -20.1977, -55.2238



102.1810, 45.7598, -23.8377

Square

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



81.9690, -20.1977, -55.2238



93.3080, 42.7392, -81.8311



107.6850, 28.2563, 37.1103



100.1070, -35.5488, 62.1732

Rectangle

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



81.9690, -20.1977, -55.2238



88.6850, 17.4103, -77.7767



107.6850, 28.2563, 37.1103



97.9530, -4.9068, 80.7252

Sweetspot

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



81.9690, -20.1977, -55.2238



142.8050, -7.7919, -20.8770



103.9790, -41.8946, -2.6126



69.6580, -4.7614, -12.8551



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.



81.9690, -20.1977, -55.2238



96.6220, -30.8726, -84.7375



87.6690, 1.6422, -60.2227



58.6360, -1.2995, -3.1888



76.4530, -24.3803, -67.0493



154.0800, -49.3394, -135.1282

Inverse Universe

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



59.0310, 20.1977, 55.2238



61.3780, 30.8726, 84.7375



53.3310, -1.6422, 60.2227



57.3640, 1.2995, 3.1888



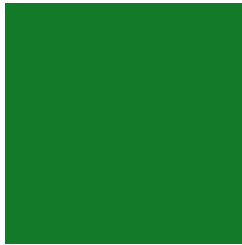
48.5470, 24.3803, 67.0493



98.0340, 49.7762, 135.0282

Previews

White Background



This preview shows how the YUV color 81.9690, -20.1977, -55.2238 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 81.9690, -20.1977, -55.2238 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 81.9690, -20.1977, -55.2238

Background



This preview shows how black text looks on a background with the YUV color 81.9690, -20.1977, -55.2238.



This preview shows how white text looks on a background with the YUV color 81.9690, -20.1977, -55.2238.

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

81.9690, -20.1977, -55.2238

Protanopia

100.7220, -31.9079, 14.2758

Deuteranopia

103.0420, -27.1357, 23.6422



Tritanopia

96.4880, 13.0704, -39.0160

Trichromacy



Original Color

81.9690, -20.1977, -55.2238

Protanomaly

93.7080, -27.4640, -11.1449

Deuteranomaly

95.4360, -24.8649, -4.7674

Tritanomaly

91.2410, 0.8672, -44.9384

Monochromacy



Original Color

81.9690, -20.1977, -55.2238

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.2180, -7.5025, -20.3622

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.9690, -20.1977, -55.2238 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(19, 122, 41)` looks like.

```
.text, #text, p{  
    color:rgb(19, 122, 41)  
}
```

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(19, 122, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 122, 41) }
```

Border

The CSS property to change the border of an element to YUV 81.9690, -20.1977, -55.2238 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(19, 122, 41) }
```


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

```
.border{ border-color:rgb(19, 122, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 122, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 122, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 122, 41);  
box-shadow:4px 4px 4px 4px rgb(19, 122,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 81.9690, -20.1977, -55.2238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 122, 41) }
```

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

```
.background{ background-color: rgb(19, 122,  
41) }
```

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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