

Converting Colors

YUV(80.5190, -20.4689,
31.9938)

Have a look what the booklet for
YUV(80.5190, -20.4689, 31.9938)
contains.

YUV(80.5190, -20.4689, 31.9938)	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(80.5190, -20.4689,
31.9938)**

Conversions

Conversions Part 1

Format	Color
Hex	754627
RGB	117, 70, 39
RGB Percent	46%, 27%, 15%
CMY	0.5412, 0.7255, 0.8471
CMYK	0.00, 0.40, 0.67, 0.54
HSL	24°, 50%, 31%
HSV	24°, 67%, 46%
XYZ	9.8925, 8.3087, 3.0018
YIQ	80.5190, 37.9630, 0.3230

Conversions

Conversions Part 2

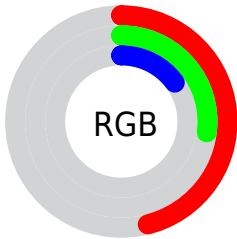
Format	Color
R_{YB}	117, 90, 39
Decimal	7685671
CIE _{Lab}	34.62, 17.01, 26.85
CIE _{LCh}	35, 31.790, 57.642
Yxy	8.3087, 0.4666, 0.3919
Android (android.graphics.Color)	4285875751 (0xFF754627)
YUV	80.5190, -20.4689, 31.9938
Hunter-Lab	28.8248, 10.8165, 14.0029

Details

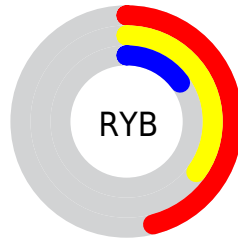
The YUV color **80.5190, -20.4689, 31.9938** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **75.4810, 20.4689, -31.9938**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9710, -22.6637, 35.9824**, and **34.6970, -17.1056, 26.5757** is the 20% darker color. If you saturate the color by 10%, you get **75.0420, -23.6847, 36.7972**, and if you desaturate by 10%, it is **85.9960, -17.2530, 27.1905**.

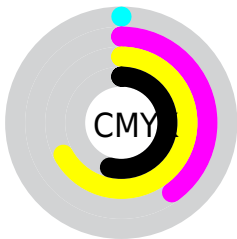
Distribution



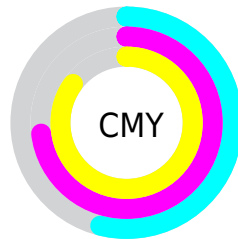
- Red (46%)
- Green (27%)
- Blue (15%)



- Red (46%)
- Yellow (35%)
- Blue (15%)



- Cyan (0%)
- Magenta (40%)
- Yellow (67%)
- Black (54%)



- Cyan (54%)
- Magenta (73%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.5190, -20.4689, 31.9938 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 80.5190, -20.4689, 31.9938 by changing the saturation by 10% instead.

80.5190, -20.4689,
31.9938

80.5190, -20.4689,
31.9938

255.0000, 0.0000,
0.0000

56.4370, -19.4424,
29.4348

130.9710,
-22.6637, 35.9824

34.6970, -17.1056,
26.5757

157.1670,
-23.2533, 38.4415

13.7210, -6.7645,
23.0467

184.5370,
-24.4217, 39.8711

0.0000, 0.0000,
0.0000

210.9390,
-24.1269, 38.6415

230.4530,
-20.4363, 21.5277

250.6680,

-16.5983, 3.7992

253.8600, -4.3680,
0.9998

80.5190, -20.4689,
31.9938

80.5190, -20.4689,
31.9938

75.0420, -23.6847,
36.7972

85.9960, -17.2530,
27.1905

69.6790, -26.4637,
41.5005

91.3590, -14.4740,
22.4872

64.2020, -29.6796,
46.3038

96.8360, -11.2581,
17.6838

62.5720, -30.8480,
47.7334

102.3130, -8.0423,
12.8805

107.7900, -4.8265,
8.0772

■ 113.1530, -2.0474,
3.3738

■ 118.6300, 1.1684,
-1.4295

■ 124.1070, 4.3842,
-6.2328

■ 129.4700, 7.1633,
-10.9362

Harmonies

Analogous

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



81.3920, -11.0393, 40.8752



80.5190, -20.4689, 31.9938



78.9810, -24.6406, 16.6797

Triad

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



80.5190, -20.4689, 31.9938



64.1840, 7.3043, -56.2894



82.8960, 21.2503, -2.5398

Complementary

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



80.5190, -20.4689, 31.9938



75.4810, 20.4689, -31.9938

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.



72.1190, 29.5213, -42.2004



80.5190, -20.4689, 31.9938



67.0340, 18.2242, -58.7888

Square

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



80.5190, -20.4689, 31.9938



72.0060, -9.3700, -28.0693



67.5530, 27.8284, -59.2440



84.3570, 12.1490, 23.3659

Rectangle

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



80.5190, -20.4689, 31.9938



77.6480, -22.9975, 2.9397



67.5530, 27.8284, -59.2440



80.6280, 24.3404, -13.7058

Sweetspot

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



80.5190, -20.4689, 31.9938



138.9000, -8.3317, 12.3657



67.7940, 9.4686, 43.1537



67.7900, -4.8265, 8.0772



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



80.5190, -20.4689, 31.9938



95.6540, -31.8744, 50.2924



102.8250, -31.4657, 12.4315



55.9680, -1.4632, 2.6591



65.2410, -32.1638, 49.7776



132.8630, -65.5015, 102.7291

Inverse Universe

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



75.4810, 20.4689, -31.9938



87.7590, 32.1638, -49.7776



53.1750, 31.4657, -12.4315



55.4450, 1.7526, -2.1443



57.3460, 31.8744, -50.2924



117.1370, 65.5015, -102.7291

Previews

White Background



This preview shows how the YUV color 80.5190, -20.4689, 31.9938 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



This preview shows how the YUV color 80.5190, -20.4689, 31.9938 looks on a 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 80.5190, -20.4689, 31.9938

Background



This preview shows how black text looks on a background with the YUV color 80.5190, -20.4689, 31.9938.



This preview shows how white text looks on a background with the YUV color 80.5190, -20.4689,

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

80.5190, -20.4689, 31.9938

Protanopia

79.9460, -18.2144, 8.8174

Deuteranopia

80.2030, -21.2991, 18.2390



Tritanopia

82.4170, -5.6286, 32.0833

Trichromacy



Original Color

80.5190, -20.4689, 31.9938

Protanomaly

80.4740, -18.9677, 17.1243

Deuteranomaly

80.3500, -20.8785, 23.3721

Tritanomaly

81.3370, -11.0121, 32.1535

Monochromacy



Original Color

80.5190, -20.4689, 31.9938

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.8290, -7.3107, 11.5510

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.5190, -20.4689, 31.9938 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(117, 70, 39)` looks like.

```
.text, #text, p{  
    color:rgb(117, 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(117, 70, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 70, 39) }
```

Border

The CSS property to change the border of an element to YUV 80.5190, -20.4689, 31.9938 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(117, 70, 39) }
```


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

```
.border{ border-color:rgb(117, 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(117, 70, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 70, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 70, 39);  
box-shadow:4px 4px 4px 4px rgb(117, 70,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 80.5190, -20.4689, 31.9938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 70, 39) }
```

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

```
.background{ background-color: rgb(117, 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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