

Converting Colors

YUV(64.6020, -19.5238,
55.6000)

Have a look what the booklet for
YUV(64.6020, -19.5238, 55.6000)
contains.

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Color

**YUV(64.6020, -19.5238,
55.6000)**

Conversions

Conversions Part 1

Format	Color
Hex	802819
RGB	128, 40, 25
RGB Percent	50%, 16%, 10%
CMY	0.4980, 0.8431, 0.9020
CMYK	0.00, 0.69, 0.80, 0.50
HSL	9°, 67%, 30%
HSV	9°, 80%, 50%
XYZ	9.8363, 6.1770, 1.5935
YIQ	64.6020, 57.2630, 13.9910

Conversions

Conversions Part 2

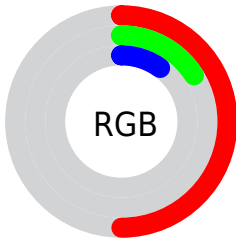
Format	Color
R_{YB}	128, 43, 25
Decimal	8398873
CIE _{Lab}	29.85, 37.10, 30.14
CIE _{LCh}	30, 47.798, 39.090
Yxy	6.1770, 0.5587, 0.3508
Android (android.graphics.Color)	4286588953 (0xFF802819)
YUV	64.6020, -19.5238, 55.6000
Hunter-Lab	24.8535, 27.1519, 13.5959

Details

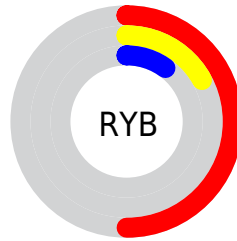
The YUV color **64.6020, -19.5238, 55.6000** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **88.3980, 19.5238, -55.6000**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.6090, -23.4712, 61.7329**, and **21.2290, -10.4659, 43.6492** is the 20% darker color. If you saturate the color by 10%, you get **56.6630, -22.0189, 62.5625**, and if you desaturate by 10%, it is **72.5410, -17.0287, 48.6375**.

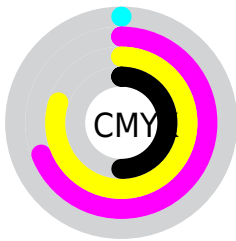
Distribution



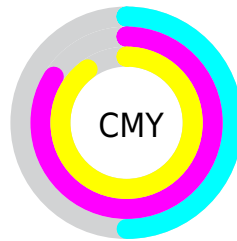
- Red (50%)
- Green (16%)
- Blue (10%)



- Red (50%)
- Yellow (17%)
- Blue (10%)



- Cyan (0%)
- Magenta (69%)
- Yellow (80%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.6020, -19.5238, 55.6000 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 64.6020, -19.5238, 55.6000 by changing the saturation by 10% instead.

■ 64.6020, -19.5238,
55.6000

■ 64.6020, -19.5238,
55.6000

255.0000, 0.0000,
0.0000

■ 36.9440, -18.2134,
55.3001

■ 116.6090,
-23.4712, 61.7329

■ 21.2290, -10.4659,
43.6492

■ 143.2780,
-24.7871, 63.7772

■ 14.2810, -6.0545,
28.6946

■ 170.6590,
-25.9609, 66.9511


■ 0.0000, 0.0000,
0.0000


■ 192.4510,
-23.8863, 54.8555


■ 211.3780,
-19.9064, 38.2565


■ 231.4790,


-16.5051, 20.6279


 251.6940,
-12.6671, 2.8994


 64.6020, -19.5238,
55.6000


 64.6020, -19.5238,
55.6000


 56.6630, -22.0189,
62.5625


 72.5410, -17.0287,
48.6375

 49.4250, -24.3665,
68.9103

 80.4800, -14.5336,
41.6750

 88.3050, -12.4754,
34.8125

 96.2440, -9.9803,
27.8500

 104.1830, -7.4852,
20.8875

■ 112.1220, -4.9901,
13.9250

■ 120.0610, -2.4951,
6.9625

■ 127.2990, -0.1474,
0.6148

■ 135.2380, 2.3477,
-6.3477

Harmonies

Analogous

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



61.9940, -0.4900, 64.0263



64.6020, -19.5238, 55.6000



66.6260, -32.8466, 35.4080

Triad

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



64.6020, -19.5238, 55.6000



54.6830, -6.2527, -47.9570



58.0930, 42.3522, -50.9476

Complementary

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



64.6020, -19.5238, 55.6000



88.3980, 19.5238, -55.6000

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.



63.5070, 37.7110, -55.6956



64.6020, -19.5238, 55.6000



60.3030, 10.2036, -52.8857

Square

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



64.6020, -19.5238, 55.6000



57.7130, -28.4525, -20.7963



63.8200, 26.2177, -55.9701



72.4060, 27.9008, 11.0449

Rectangle

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



64.6020, -19.5238, 55.6000



65.9290, -32.5030, 18.4793



63.8200, 26.2177, -55.9701



60.5550, 41.6314, -53.1067

Sweetspot

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



64.6020, -19.5238, 55.6000



141.4820, -7.6326, 21.5023



65.9430, 23.6921, 54.4240



68.9370, -4.4059, 13.2103



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



64.6020, -19.5238, 55.6000



66.6400, -30.3885, 87.1387



93.9520, -33.9933, 29.8601



59.6800, -1.3212, 3.7886



49.4250, -24.3665, 68.9103



0.0000, 0.0000, 0.0000

Inverse Universe

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



88.3980, 19.5238, -55.6000



103.7730, 30.6779, -86.6239



59.0480, 33.9933, -29.8601



61.3200, 1.3212, -3.7886



78.5750, 24.3665, -68.9103



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 64.6020, -19.5238, 55.6000 looks on a white background.

Color Contrast Check

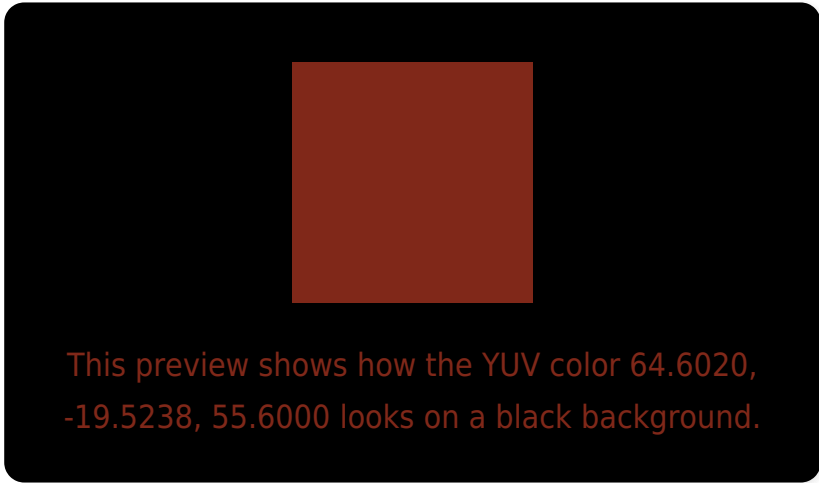
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.6020, -19.5238, 55.6000

Background



This preview shows how black text looks on a background with the YUV color 64.6020, -19.5238, 55.6000.



This preview shows how white text looks on a background with the YUV color 64.6020, -19.5238,

55.6000.

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

64.6020, -19.5238, 55.6000

Protanopia

69.7610, -17.6302, 8.1026

Deuteranopia

68.7640, -25.5197, 18.6240



Tritanopia

65.1380, -12.3930, 55.1300

Trichromacy



Original Color

64.6020, -19.5238, 55.6000

Protanomaly

67.7570, -18.1212, 25.6461

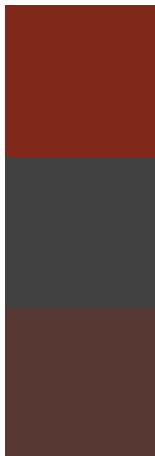
Deuteranomaly

67.4220, -23.3790, 32.0789

Tritanomaly

65.1550, -14.8664, 55.1151

Monochromacy



Original Color

64.6020, -19.5238, 55.6000

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8840, -7.3378, 20.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.6020, -19.5238, 55.6000 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(128, 40, 25)` looks like.

```
.text, #text, p{  
    color:rgb(128, 40, 25)  
}
```

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(128, 40, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 40, 25) }
```

Border

The CSS property to change the border of an element to YUV 64.6020, -19.5238, 55.6000 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(128, 40, 25) }
```


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

```
.border{ border-color:rgb(128, 40, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 40, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 40, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 40, 25);  
box-shadow:4px 4px 4px 4px rgb(128, 40,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 64.6020, -19.5238, 55.6000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 40, 25) }
```

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

```
.background{ background-color: rgb(128, 40,  
25) }
```

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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