

Converting Colors

YUV(64.1490, -19.3005,
30.5643)

Have a look what the booklet for
YUV(64.1490, -19.3005, 30.5643)
contains.

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Color

**YUV(64.1490, -19.3005,
30.5643)**

Conversions

Conversions Part 1

Format	Color
Hex	633619
RGB	99, 54, 25
RGB Percent	39%, 21%, 10%
CMY	0.6118, 0.7882, 0.9020
CMYK	0.00, 0.45, 0.75, 0.61
HSL	24°, 60%, 24%
HSV	24°, 75%, 39%
XYZ	6.6402, 5.3612, 1.6045
YIQ	64.1490, 36.1290, 0.5210

Conversions

Conversions Part 2

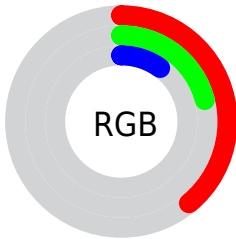
Format	Color
RYB	99, 73, 25
Decimal	6501913
CIELab	27.74, 17.40, 26.38
CIELCh	28, 31.599, 56.599
Yxy	5.3612, 0.4880, 0.3940
Android (android.graphics.Color)	4284691993 (0xFF633619)
YUV	64.1490, -19.3005, 30.5643
Hunter-Lab	23.1542, 10.6709, 12.0993

Details

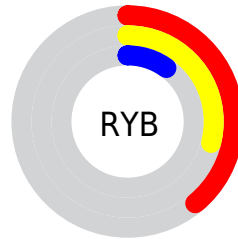
The YUV color $64.1490, -19.3005, 30.5643$ is a dark color, and the websafe version is hex 663300 . A complement of this color would be $59.8510, 19.3005, -30.5643$, and the grayscale version is $64.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $113.0140, -21.2059, 35.0677$, and $20.8090, -10.2588, 23.8465$ is the 20% darker color. If you saturate the color by 10%, you get $59.4870, -21.9321, 34.6529$, and if you desaturate by 10%, it is $68.8110, -16.6688, 26.4758$.

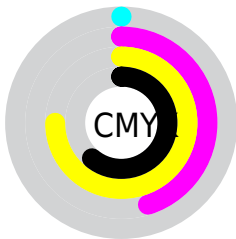
Distribution



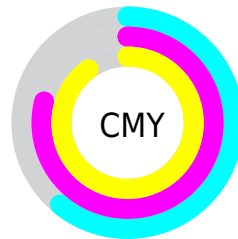
- Red (39%)
- Green (21%)
- Blue (10%)



- Red (39%)
- Yellow (29%)
- Blue (10%)



- Cyan (0%)
- Magenta (45%)
- Yellow (75%)
- Black (61%)



- Cyan (61%)
- Magenta (79%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.1490, -19.3005, 30.5643 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 64.1490, -19.3005, 30.5643 by changing the saturation by 10% instead.

■ 64.1490, -19.3005,
30.5643

■ 64.1490, -19.3005,
30.5643

■ 255.0000, 0.0000,
0.0000

■ 40.6110, -20.0212,
28.4052

■ 113.0140,
-21.2059, 35.0677

■ 20.8090, -10.2588,
23.8465

■ 138.7970,
-22.0849, 37.0120

■ 5.3820, -2.6533,
11.0660

■ 165.4660,
-23.4007, 39.0563


■ 0.0000, 0.0000,
0.0000


■ 192.9500,
-24.1323, 40.3859


■ 217.2480,
-22.8003, 33.1085


■ 236.7620,


-19.1097, 15.9947


 251.6940,
-12.6671, 2.8994


 64.1490, -19.3005,
30.5643


 64.1490, -19.3005,
30.5643


 59.4870, -21.9321,
34.6529


 68.8110, -16.6688,
26.4758


 54.8250, -24.5637,
38.7415

 73.4730, -14.0372,
22.3872

 52.4940, -25.8795,
40.7858

 78.1350, -11.4056,
18.2986

 82.7970, -8.7739,
14.2100

 87.4590, -6.1423,
10.1215

■ 92.0070, -3.9475,
6.1329

■ 96.6690, -1.3158,
2.0443

■ 101.3310, 1.3158,
-2.0443

■ 105.9930, 3.9475,
-6.1329

Harmonies

Analogous

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



64.7230, -9.7234, 38.8309



64.1490, -19.3005, 30.5643



62.6820, -24.4932, 16.0649

Triad

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



64.1490, -19.3005, 30.5643



52.2670, 4.7984, -45.8382



65.8850, 21.2557, -4.2841

Complementary

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



64.1490, -19.3005, 30.5643



59.8510, 19.3005, -30.5643

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.



53.4990, 29.8270, -46.9186



64.1490, -19.3005, 30.5643



55.0030, 15.2815, -48.2376

Square

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



64.1490, -19.3005, 30.5643



55.5330, -8.6438, -27.6544



56.1090, 24.5963, -49.2076



67.4600, 12.5912, 21.5216

Rectangle

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



64.1490, -19.3005, 30.5643



61.3600, -22.8555, 4.0693



56.1090, 24.5963, -49.2076



63.5030, 23.9090, -15.3501

Sweetspot

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



64.1490, -19.3005, 30.5643



114.1280, -7.4581, 12.1657



52.3700, 9.1846, 40.8945



56.1920, -4.5317, 6.8476



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



64.1490, -19.3005, 30.5643



73.8000, -29.9744, 47.5334



85.2810, -29.7185, 12.0316



46.3700, -1.1684, 1.4295



59.3160, -29.2428, 46.2039



126.9380, -62.5804, 99.1554

Inverse Universe

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



59.8510, 19.3005, -30.5643



67.2000, 29.9744, -47.5334



38.7190, 29.7185, -12.0316



46.2170, 0.8790, -1.9443



52.6840, 29.2428, -46.2039



113.0620, 62.5804, -99.1554

Previews

White Background



This preview shows how the YUV color 64.1490, -19.3005, 30.5643 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 64.1490, -19.3005, 30.5643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

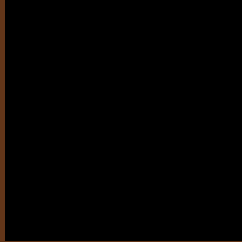
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.1490, -19.3005, 30.5643

Background



This preview shows how black text looks on a background with the YUV color 64.1490, -19.3005, 30.5643.



This preview shows how white text looks on a background with the YUV color 64.1490, -19.3005,

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

64.1490, -19.3005, 30.5643

Protanopia

64.1740, -17.3408, 8.6174

Deuteranopia

64.3060, -20.8569, 16.3946



Tritanopia

66.2920, -6.0600, 30.4389

Trichromacy



Original Color

64.1490, -19.3005, 30.5643

Protanomaly

64.4030, -17.9467, 16.3096

Deuteranomaly

64.4530, -20.4363, 21.5277

Tritanomaly

65.3260, -11.0067, 30.4091

Monochromacy



Original Color

64.1490, -19.3005, 30.5643

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9430, -6.8739, 11.4510

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.1490, -19.3005, 30.5643 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(99, 54, 25)` looks like.

```
.text, #text, p{  
    color:rgb(99, 54, 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(99, 54, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 54, 25) }
```

Border

The CSS property to change the border of an element to YUV 64.1490, -19.3005, 30.5643 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(99, 54, 25) }
```


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

```
.border{ border-color:rgb(99, 54, 25) }
```

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

Here you see how a box with a 4 pixel rgb(99, 54, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 54, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 54, 25);  
box-shadow:4px 4px 4px 4px rgb(99, 54, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.1490, -19.3005, 30.5643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 54, 25) }
```

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

```
.background{ background-color: rgb(99, 54,  
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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