

Converting Colors

YUV(64.9150, -21.1571,
19.3685)

Have a look what the booklet for
YUV(64.9150, -21.1571, 19.3685)
contains.

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Color

**YUV(64.9150, -21.1571,
19.3685)**

Conversions

Conversions Part 1

Format	Color
Hex	573E16
RGB	87, 62, 22
RGB Percent	34%, 24%, 9%
CMY	0.6588, 0.7569, 0.9137
CMYK	0.00, 0.29, 0.75, 0.66
HSL	37°, 60%, 21%
HSV	37°, 75%, 34%
XYZ	5.7979, 5.5294, 1.5208
YIQ	64.9150, 27.7400, -7.1400

Conversions

Conversions Part 2

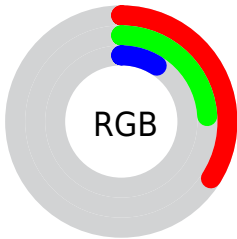
Format	Color
RYB	63, 87, 22
Decimal	5717526
CIELab	28.19, 6.34, 28.03
CIELCh	28, 28.738, 77.256
Yxy	5.5294, 0.4513, 0.4304
Android (android.graphics.Color)	4283907606 (0xFF573E16)
YUV	64.9150, -21.1571, 19.3685
Hunter-Lab	23.5147, 2.8613, 12.6259

Details

The YUV color **64.9150, -21.1571, 19.3685** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **44.0850, 21.1571, -19.3685**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.1820, -22.7677, 22.6424**, and **23.1020, -11.3893, 13.0655** is the 20% darker color. If you saturate the color by 10%, you get **62.1280, -24.2201, 21.8127**, and if you desaturate by 10%, it is **67.7020, -18.0941, 16.9243**.

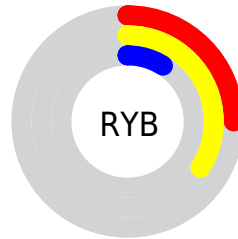
Distribution



Red (34%)

Green (24%)

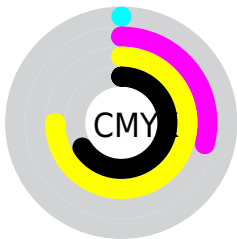
Blue (9%)



Red (25%)

Yellow (34%)

Blue (9%)

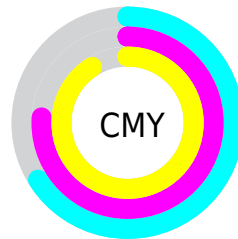


Cyan (0%)

Magenta (29%)

Yellow (75%)

Black (66%)



Cyan (66%)

Magenta (76%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.9150, -21.1571, 19.3685 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 64.9150, -21.1571, 19.3685 by changing the saturation by 10% instead.

■ 64.9150, -21.1571,
19.3685

■ 64.9150, -21.1571,
19.3685

■ 254.7720, -0.8736,
0.2000

■ 42.3170, -20.8623,
18.1390

■ 113.1820,
-22.7677, 22.6424

■ 23.1020, -11.3893,
13.0655

■ 139.5520,
-23.9361, 24.0719

■ 0.0000, 0.0000,
0.0000


■ 166.0360,
-24.6677, 25.4014


■ 193.2210,
-25.2520, 26.1162


■ 220.7050,
-25.9836, 27.4457


■ 241.8170,


-22.5878, 11.5615


 251.4660,
-13.5407, 3.0993


 64.9150, -21.1571,
19.3685


 64.9150, -21.1571,
19.3685


 62.1280, -24.2201,
21.8127


 67.7020, -18.0941,
16.9243


 58.8680, -26.5569,
24.6718

 70.9620, -15.7573,
14.0653

 57.7110, -28.4515,
25.6865

 73.7490, -12.6943,
11.6211

 76.5360, -9.6312,
9.1769

 79.9100, -6.8576,
6.2179

■ 82.5830, -4.2314,
3.8737

■ 85.3700, -1.1684,
1.4295

■ 88.7440, 1.6052,
-1.5295

■ 91.4170, 4.2314,
-3.8737

Harmonies

Analogous

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



66.1860, -15.3747, 31.4089



64.9150, -21.1571, 19.3685



63.0440, -20.2347, 3.4694

Triad

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



64.9150, -21.1571, 19.3685



54.7920, 11.9345, -48.0526



69.0460, 13.7813, 13.1147

Complementary

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



64.9150, -21.1571, 19.3685



44.0850, 21.1571, -19.3685

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.



65.2430, 21.5722, -12.4911



64.9150, -21.1571, 19.3685



55.7840, 20.8125, -48.9226

Square

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



64.9150, -21.1571, 19.3685



51.5830, 2.1776, -45.2383



54.6900, 26.7748, -47.9631



67.4520, 4.7072, 30.2986

Rectangle

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



64.9150, -21.1571, 19.3685



61.2210, -15.3920, -9.8408



54.6900, 26.7748, -47.9631



68.6860, 16.4238, 5.5374

Sweetspot

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



64.9150, -21.1571, 19.3685



103.9810, -7.8786, 7.0327



44.3990, 1.7753, 37.3611



50.8820, -4.3788, 4.4885



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



64.9150, -21.1571, 19.3685



77.5930, -32.8303, 30.1749



77.7960, -27.5074, 2.8099



41.9570, -1.4578, 0.9147



70.7350, -34.8724, 31.8044



154.7930, -76.3129, 70.3415

Inverse Universe

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



44.0850, 21.1571, -19.3685



45.4070, 32.8303, -30.1749



31.2040, 27.5074, -2.8099



40.6300, 1.1684, -1.4295



36.2650, 34.8724, -31.8044



79.6200, 76.6023, -69.8267

Previews

White Background



This preview shows how the YUV color 64.9150, -21.1571, 19.3685 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 64.9150, -21.1571, 19.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

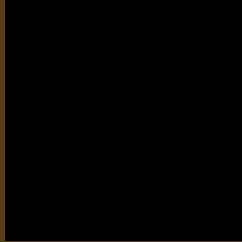
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.9150, -21.1571, 19.3685

Background



This preview shows how black text looks on a background with the YUV color 64.9150, -21.1571, 19.3685.

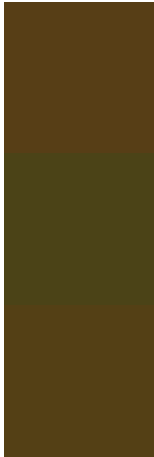


This preview shows how white text looks on a background with the YUV color 64.9150, -21.1571,

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

64.9150, -21.1571, 19.3685

Protanopia

64.3760, -20.3984, 9.3172

Deuteranopia

65.0780, -21.7305, 16.5946



Tritanopia

68.0240, -2.9698, 19.2730

Trichromacy



Original Color

64.9150, -21.1571, 19.3685

Protanomaly

64.3980, -20.4092, 12.8060

Deuteranomaly

64.7900, -21.5885, 17.7242

Tritanomaly

66.6020, -9.6638, 19.6430

Monochromacy



Original Color

64.9150, -21.1571, 19.3685

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.9810, -7.8786, 7.0327

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9150, -21.1571, 19.3685 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(87, 62, 22)` looks like.

```
.text, #text, p{  
    color:rgb(87, 62, 22)  
}
```

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(87, 62, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 62, 22) }
```

Border

The CSS property to change the border of an element to YUV 64.9150, -21.1571, 19.3685 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(87, 62, 22) }
```


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

```
.border{ border-color:rgb(87, 62, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 62, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 62, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 62, 22);  
box-shadow:4px 4px 4px 4px rgb(87, 62, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.9150, -21.1571, 19.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 62, 22) }
```

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

```
.background{ background-color: rgb(87, 62,  
22) }
```

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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