

Converting Colors

YUV(65.4690, 5.1918, -31.9833)

Have a look what the booklet for
YUV(65.4690, 5.1918, -31.9833)
contains.

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Color

**YUV(65.4690, 5.1918,
-31.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	1D524C
RGB	29, 82, 76
RGB Percent	11%, 32%, 30%
CMY	0.8863, 0.6784, 0.7020
CMYK	0.65, 0.00, 0.07, 0.68
HSL	173°, 48%, 22%
HSV	173°, 65%, 32%
XYZ	4.8285, 6.8176, 7.8989
YIQ	65.4690, -29.6620, -13.1020

Conversions

Conversions Part 2

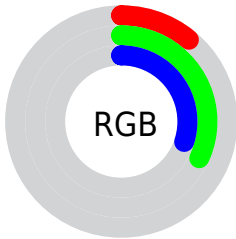
Format	Color
R_{YB}	29, 57, 82
Decimal	1921612
CIE _{Lab}	31.39, -19.08, -1.71
CIE _{LCh}	31, 19.155, 185.120
Yxy	6.8176, 0.2470, 0.3488
Android (android.graphics.Color)	4280111692 (0xFF1D524C)
YUV	65.4690, 5.1918, -31.9833
Hunter-Lab	26.1105, -12.6843, 0.3411

Details

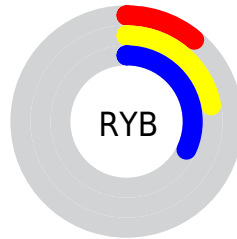
The YUV color **65.4690, 5.1918, -31.9833** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **45.5310, -5.1918, 31.9833**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.6540, 4.6076, -31.2686**, and **25.3670, 3.2701, -22.2469** is the 20% darker color. If you saturate the color by 10%, you get **62.9630, 5.9342, -36.8016**, and if you desaturate by 10%, it is **67.9750, 4.4493, -27.1651**.

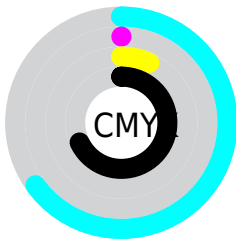
Distribution



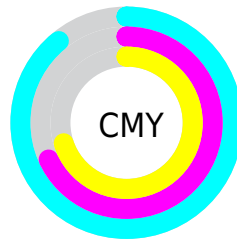
- Red (11%)
- Green (32%)
- Blue (30%)



- Red (11%)
- Yellow (22%)
- Blue (32%)



- Cyan (65%)
- Magenta (0%)
- Yellow (7%)
- Black (68%)



- Cyan (89%)
- Magenta (68%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.4690, 5.1918, -31.9833 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 65.4690, 5.1918, -31.9833 by changing the saturation by 10% instead.

65.4690, 5.1918,
-31.9833

65.4690, 5.1918,
-31.9833

255.0000, 0.0000,
0.0000

40.6750, 6.0762,
-35.6720

115.6540, 4.6076,
-31.2686

25.3670, 3.2701,
-22.2469

141.3550, 4.7550,
-31.8833

6.8960, 1.0373,
-6.0478

168.2410, 4.3182,
-31.7834

0.0000, 0.0000,
0.0000

195.9420, 4.4656,
-32.3981

223.6430, 4.6130,
-33.0129

242.7410, 6.0437,

-25.2059

251.4120, 1.7689,
-7.3773

65.4690, 5.1918,
-31.9833

65.4690, 5.1918,
-31.9833

62.9630, 5.9342,
-36.8016

67.9750, 4.4493,
-27.1651

60.4570, 6.6767,
-41.6198

70.4810, 3.7069,
-22.3468

57.6520, 7.5666,
-47.0528

73.2860, 2.8170,
-16.9138

56.4560, 8.1562,
-49.5119

75.7920, 2.0745,
-12.0956

78.2980, 1.3321,
-7.2773

■ 80.8040, 0.5896,
-2.4591

■ 83.1960, -0.5896,
2.4591

■ 86.0010, -1.4795,
7.8921

■ 88.5070, -2.2220,
12.7104

Harmonies

Analogous

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



68.5540, -3.7241, -18.9029



65.4690, 5.1918, -31.9833



63.6020, 13.5072, -39.1160

Triad

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



65.4690, 5.1918, -31.9833



75.2960, 11.1931, 3.2484



73.9670, -13.2947, 17.5689

Complementary

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



65.4690, 5.1918, -31.9833



45.5310, -5.1918, 31.9833

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.



74.5640, -8.6591, 24.0614



65.4690, 5.1918, -31.9833



75.8910, 5.4767, 16.7586

Square

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



65.4690, 5.1918, -31.9833



72.3370, 15.6099, -13.4505



75.3990, -1.6757, 24.2061



72.6730, -14.1358, 7.3028

Rectangle

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



65.4690, 5.1918, -31.9833



65.9060, 15.8223, -34.9976



75.3990, -1.6757, 24.2061



74.3310, -11.9952, 20.7577

Sweetspot

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



65.4690, 5.1918, -31.9833



100.7920, 2.0745, -12.0956



61.9050, -16.2222, -23.5957



49.8850, 1.0427, -7.7921



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



65.4690, 5.1918, -31.9833



81.1570, 8.3036, -50.1267



54.4130, 13.6004, -22.2872



39.6900, 0.1528, -2.3591



72.2370, 10.2362, -63.3518



159.6680, 22.8417, -140.0288

Inverse Universe

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



45.5310, -5.1918, 31.9833



49.8430, -8.3036, 50.1267



56.5870, -13.6004, 22.2872



38.1960, -0.5896, 2.4591



32.7630, -10.2362, 63.3518



72.3320, -22.8417, 140.0288

Previews

White Background



This preview shows how the YUV color 65.4690, 5.1918, -31.9833 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 65.4690, 5.1918, -31.9833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

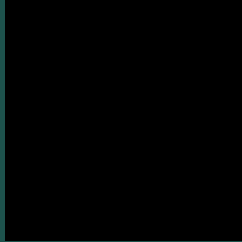
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.4690, 5.1918, -31.9833

Background



This preview shows how black text looks on a background with the YUV color 65.4690, 5.1918, -31.9833.



This preview shows how white text looks on a background with the YUV color 65.4690, 5.1918, -31.9833.

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

65.4690, 5.1918, -31.9833

Protanopia

73.6690, -1.3158, 2.0443

Deuteranopia

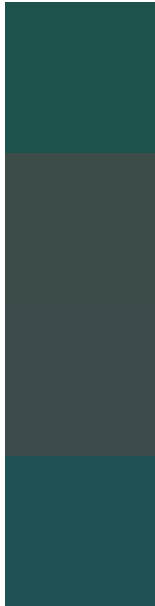
74.1900, 1.8783, 4.2184



Tritanopia

67.0440, 9.8383, -28.9796

Trichromacy



Original Color

65.4690, 5.1918, -31.9833

Protanomaly

70.5750, 1.1955, -10.1513

Deuteranomaly

71.0420, 2.9373, -8.8068

Tritanomaly

66.5770, 8.0965, -30.3240

Monochromacy



Original Color

65.4690, 5.1918, -31.9833

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0910, 1.9271, -11.4808

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.4690, 5.1918, -31.9833 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(29, 82, 76)` looks like.

```
.text, #text, p{  
    color:rgb(29, 82, 76)  
}
```

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(29, 82, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 82, 76) }
```

Border

The CSS property to change the border of an element to YUV 65.4690, 5.1918, -31.9833 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(29, 82, 76) }
```


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

```
.border{ border-color:rgb(29, 82, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 82, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 82, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 82, 76);  
box-shadow:4px 4px 4px 4px rgb(29, 82, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.4690, 5.1918, -31.9833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 82, 76) }
```

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

```
.background{ background-color: rgb(29, 82,  
76) }
```

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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