

Converting Colors

YUV(32.6250, -1.2941, -4.9331)

Have a look what the booklet for
YUV(32.6250, -1.2941, -4.9331)
contains.

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Color

**YUV(32.6250, -1.2941,
-4.9331)**

Conversions

Conversions Part 1

Format	Color
Hex	1B241E
RGB	27, 36, 30
RGB Percent	11%, 14%, 12%
CMY	0.8941, 0.8588, 0.8824
CMYK	0.25, 0.00, 0.17, 0.86
HSL	140°, 14%, 12%
HSV	140°, 25%, 14%
XYZ	1.3172, 1.5885, 1.4655
YIQ	32.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

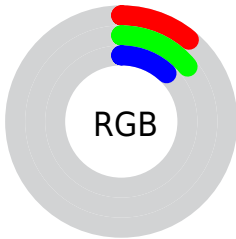
Format	Color
R_YB	27, 34, 36
Decimal	1778718
CIE Lab	13.16, -5.59, 2.70
CIE LCh	13, 6.208, 154.203
Yxy	1.5885, 0.3013, 0.3634
Android (android.graphics.Color)	4279968798 (0xFF1B241E)
YUV	32.6250, -1.2941, -4.9331
Hunter-Lab	12.6036, -3.4010, 1.9286

Details

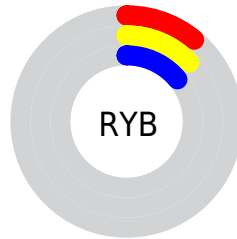
The YUV color **32.6250, -1.2941, -4.9331** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30.3750, 1.2941, 4.9331**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.3260, -1.1467, -5.5479**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.2010, -1.5781, -7.1923**, and if you desaturate by 10%, it is **34.0490, -1.0102, -2.6740**.

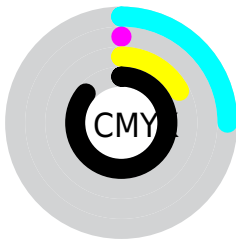
Distribution



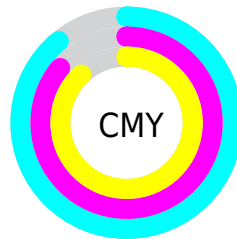
- Red (11%)
- Green (14%)
- Blue (12%)



- Red (11%)
- Yellow (13%)
- Blue (14%)



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (86%)



- Cyan (89%)
- Magenta (86%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.6250, -1.2941, -4.9331 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 32.6250, -1.2941, -4.9331 by changing the saturation by 10% instead.

■ 32.6250, -1.2941,
-4.9331

■ 32.6250, -1.2941,
-4.9331

255.0000, 0.0000,
0.0000

■ 9.3750, -2.1569,
-8.2219

■ 76.3260, -1.1467,
-5.5479

■ 0.0000, 0.0000,
0.0000

■ 100.7990, -1.8729,
-5.9627

■ 125.7990, -1.8729,
-5.9627

■ 151.5000, -1.7255,
-6.5775

■ 178.3860, -2.1623,
-6.4775

■ 205.5000, -1.7255,

-6.5775

■ 233.5000, -1.7255,
-6.5775

■ 32.6250, -1.2941,
-4.9331

■ 32.6250, -1.2941,
-4.9331

■ 31.2010, -1.5781,
-7.1923

■ 34.0490, -1.0102,
-2.6740

■ 29.9620, -2.4463,
-8.7367

■ 35.2880, -0.1420,
-1.1296

■ 28.5380, -2.7302,
-10.9958

■ 36.7120, 0.1420,
1.1296

■ 27.2990, -3.5984,
-12.5402

■ 37.9510, 1.0102,
2.6740

■ 25.8750, -3.8824,
-14.7994

■ 39.3750, 1.2941,
4.9331

■ 24.4510, -4.1663,
-17.0585

■ 40.7990, 1.5781,
7.1923

■ 23.2120, -5.0345,
-18.6029

■ 42.0380, 2.4463,
8.7367

■ 22.5000, -5.1765,
-19.7325

■ 43.4620, 2.7302,
10.9958

■ 44.7010, 3.5984,
12.5402

Harmonies

Analogous

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



33.1910, -3.0522, -1.0445



32.6250, -1.2941, -4.9331



31.8850, 1.0427, -7.7921

Triad

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



32.6250, -1.2941, -4.9331



33.7160, 4.0840, -3.2589



34.3600, -2.6425, 7.5773

Complementary

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



32.6250, -1.2941, -4.9331



30.3750, 1.2941, 4.9331

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.



34.8160, -0.8953, 7.1774



32.6250, -1.2941, -4.9331



34.5100, 3.1996, 0.4297

Square

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



32.6250, -1.2941, -4.9331



32.6940, 4.0949, -6.7476



34.4890, 1.7309, 4.8331



33.7080, -3.8000, 5.5181

Rectangle

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



32.6250, -1.2941, -4.9331



31.9280, 2.5005, -8.7069



34.4890, 1.7309, 4.8331



34.5880, -1.7689, 7.3773

Sweetspot

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



32.6250, -1.2941, -4.9331



44.4620, -0.7208, -2.1592



34.0770, -3.4890, -0.9445



22.1740, -0.5788, -1.0296



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



32.6250, -1.2941, -4.9331



40.7880, -1.8675, -7.7071



33.1950, 0.8899, -5.4330



17.2880, -0.1420, -1.1296



51.2120, -11.9365, -44.9129



130.6630, -29.9069, -114.5915

Inverse Universe

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



30.3750, 1.2941, 4.9331



37.2120, 1.8675, 7.7071



29.9190, -0.4531, 5.3330



16.7120, 0.1420, 1.1296



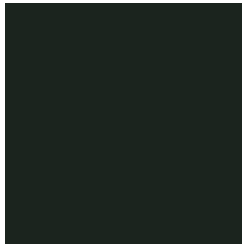
30.6740, 11.4997, 45.0129



78.3370, 29.9069, 114.5915

Previews

White Background



This preview shows how the YUV color 32.6250, -1.2941, -4.9331 looks on a white background.

Color Contrast Check

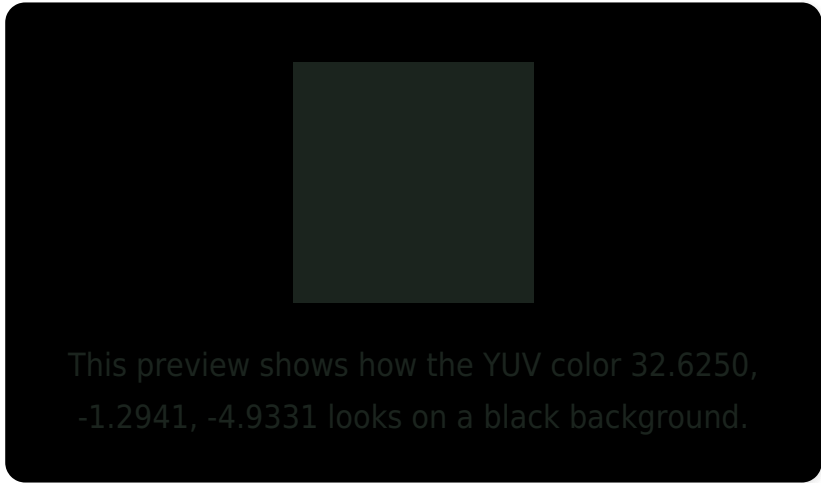
Large Text (above 18pt) WCAG AA ✓ Pass

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

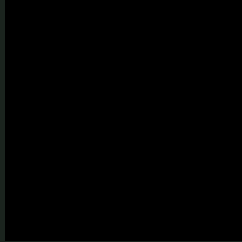
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.6250, -1.2941, -4.9331

Background



This preview shows how black text looks on a background with the YUV color 32.6250, -1.2941, -4.9331.



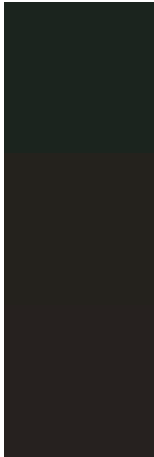
This preview shows how white text looks on a background with the YUV color 32.6250, -1.2941, -4.9331.

-4.9331.

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

32.6250, -1.2941, -4.9331

Protanopia

34.0280, -2.4788, 1.7294

Deuteranopia

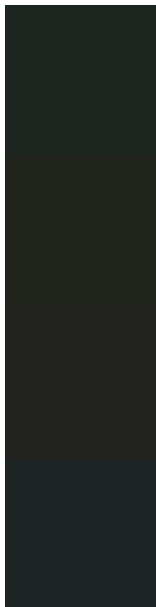
34.2670, -1.6106, 3.2738



Tritanopia

33.2490, 2.3422, -4.6034

Trichromacy



Original Color

32.6250, -1.2941, -4.9331

Protanomaly

33.7180, -2.3260, -0.6297

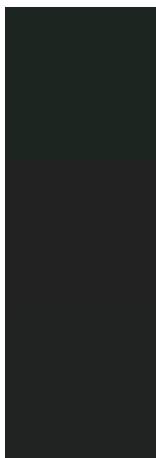
Deuteranomaly

33.6580, -1.3104, 0.2999

Tritanomaly

32.9070, 1.0318, -4.3034

Monochromacy



Original Color

32.6250, -1.2941, -4.9331

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.8750, -0.4314, -1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.6250, -1.2941, -4.9331 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(27, 36, 30)` looks like.

```
.text, #text, p{  
    color:rgb(27, 36, 30)  
}
```

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(27, 36, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 36, 30) }
```

Border

The CSS property to change the border of an element to YUV 32.6250, -1.2941, -4.9331 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(27, 36, 30) }
```


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

```
.border{ border-color:rgb(27, 36, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 36, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 36, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 36, 30);  
box-shadow:4px 4px 4px 4px rgb(27, 36, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.6250, -1.2941, -4.9331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 36, 30) }
```

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

```
.background{ background-color: rgb(27, 36,  
30) }
```

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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