

Converting Colors

YUV(31.4360, -4.6519, -1.2594)

Have a look what the booklet for
YUV(31.4360, -4.6519, -1.2594)
contains.

YUV(31.4360, -4.6519, -1.2594)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(31.4360, -4.6519,
-1.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	1E2216
RGB	30, 34, 22
RGB Percent	12%, 13%, 9%
CMY	0.8824, 0.8667, 0.9137
CMYK	0.12, 0.00, 0.35, 0.87
HSL	80°, 21%, 11%
HSV	80°, 35%, 13%
XYZ	1.2523, 1.4780, 0.9783
YIQ	31.4360, 1.4680, -4.5800

Conversions

Conversions Part 2

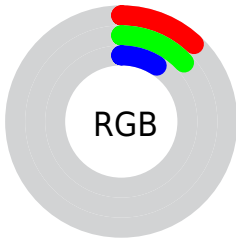
Format	Color
RYB	22, 34, 26
Decimal	1974806
CIELab	12.47, -4.61, 7.50
CIELCh	12, 8.807, 121.580
Yxy	1.4780, 0.3377, 0.3985
Android (android.graphics.Color)	4280164886 (0xFF1E2216)
YUV	31.4360, -4.6519, -1.2594
Hunter-Lab	12.1573, -2.8889, 3.7389

Details

The YUV color **31.4360, -4.6519, -1.2594** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24.5640, 4.6519, 1.2594**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.2080, -5.5255, -1.0594**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.7950, -5.8149, -1.5742**, and if you desaturate by 10%, it is **32.0770, -3.4890, -0.9445**.

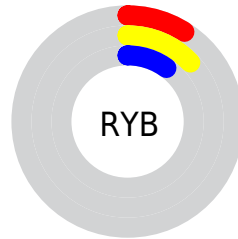
Distribution



Red (12%)

Green (13%)

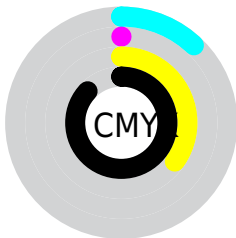
Blue (9%)



Red (9%)

Yellow (13%)

Blue (10%)

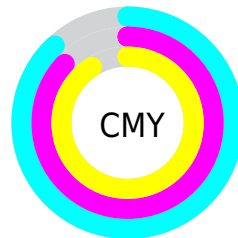


Cyan (12%)

Magenta (0%)

Yellow (35%)

Black (87%)



Cyan (88%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.4360, -4.6519, -1.2594 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 31.4360, -4.6519, -1.2594 by changing the saturation by 10% instead.

■ 31.4360, -4.6519,
-1.2594

■ 31.4360, -4.6519,
-1.2594

■ 254.0880, -3.4944,
0.7998

■ 7.6420, -3.7675,
-4.9480

■ 75.2080, -5.5255,
-1.0594

■ 0.0000, 0.0000,
0.0000

■ 99.2080, -5.5255,
-1.0594

■ 124.0940, -5.9623,
-0.9594

■ 149.7950, -5.8149,
-1.5742

■ 176.6810, -6.2517,
-1.4742

■ 203.6810, -6.2517,

-1.4742

■ 232.2680, -6.5411,
-1.9890

■ 31.4360, -4.6519,
-1.2594

■ 31.4360, -4.6519,
-1.2594

■ 30.7950, -5.8149,
-1.5742

■ 32.0770, -3.4890,
-0.9445

■ 30.0400, -7.4147,
-1.7891

■ 32.8320, -1.8892,
-0.7297

■ 29.3990, -8.5777,
-2.1039

■ 33.4730, -0.7262,
-0.4148

■ 28.3450, -10.0301,
-2.9336

■ 34.5270, 0.7262,
0.4148

■ 27.7040, -11.1931,
-3.2484

■ 35.1680, 1.8892,
0.7297

■ 27.0630, -12.3561,
-3.5633

■ 35.8090, 3.0522,
1.0445

■ 26.8350, -13.2297,
-3.3633

■ 36.5640, 4.6519,
1.2594

■ 37.2050, 5.8149,
1.5742

■ 37.9600, 7.4147,
1.7891

Harmonies

Analogous

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



32.1270, -5.9786, 4.2736



31.4360, -4.6519, -1.2594



30.3860, -2.1623, -6.4775

Triad

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



31.4360, -4.6519, -1.2594



30.8290, 6.0003, -11.2510



33.2400, -0.6113, 9.4365

Complementary

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



31.4360, -4.6519, -1.2594



24.5640, 4.6519, 1.2594

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.



33.6140, 2.1623, 6.4775



31.4360, -4.6519, -1.2594



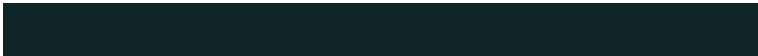
31.8620, 5.9840, -6.0180

Square

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



31.4360, -4.6519, -1.2594



29.7640, 4.5533, -13.8250



33.2650, 4.7994, 0.6446



33.1430, -3.5215, 9.5216

Rectangle

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



31.4360, -4.6519, -1.2594



30.2330, -0.1149, -9.8513



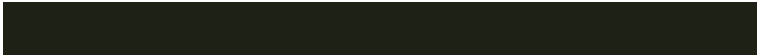
33.2650, 4.7994, 0.6446



33.1690, 0.4097, 8.6218

Sweetspot

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



31.4360, -4.6519, -1.2594



42.2450, -1.5998, -0.2149



27.9360, -2.9264, 5.3181



22.3590, -1.1630, -0.3148



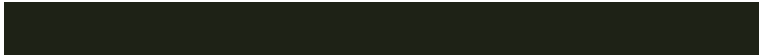
150.0000, 0.0000, 0.0000



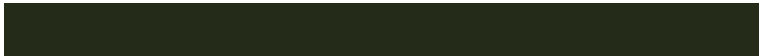
23.0000, 0.0000, 0.0000

Same Dimension

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



31.4360, -4.6519, -1.2594



39.1540, -6.9779, -1.8891



29.6420, -3.7675, -4.9480



17.4730, -0.7262, -0.4148



64.2800, -31.6900, -9.0156



164.2440, -80.9723, -22.1390

Inverse Universe

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



24.5640, 4.6519, 1.2594



28.8460, 6.9779, 1.8891



26.3580, 3.7675, 4.9480



16.5270, 0.7262, 0.4148



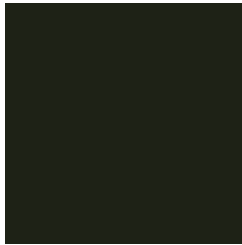
17.4210, 31.8374, 8.4008



44.7560, 80.9723, 22.1390

Previews

White Background



This preview shows how the YUV color 31.4360, -4.6519, -1.2594 looks on a white background.

Color Contrast Check

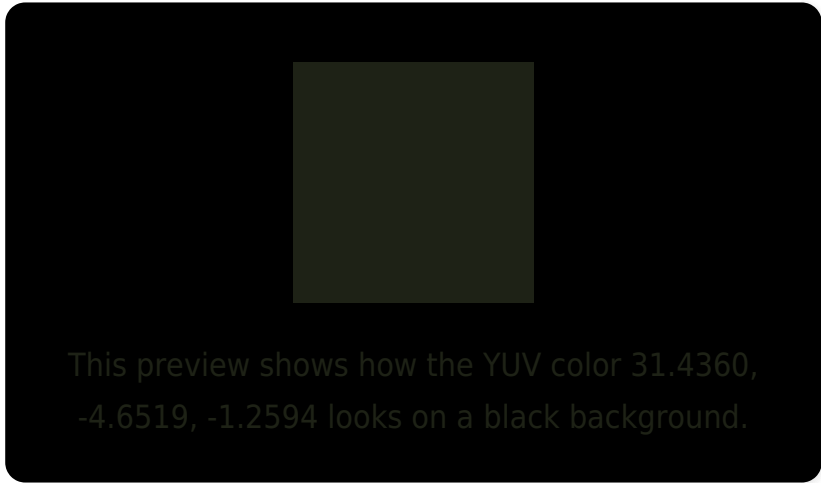
Large Text (above 18pt) WCAG AA ✓ Pass

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

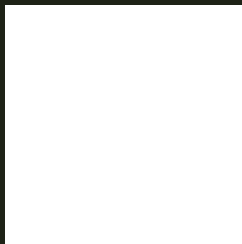
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 31.4360, -4.6519, -1.2594

Background



This preview shows how black text looks on a background with the YUV color 31.4360, -4.6519, -1.2594.



This preview shows how white text looks on a background with the YUV color 31.4360, -4.6519,

-1.2594.

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

31.4360, -4.6519, -1.2594

Protanopia

31.6430, -5.2470, 2.9441

Deuteranopia

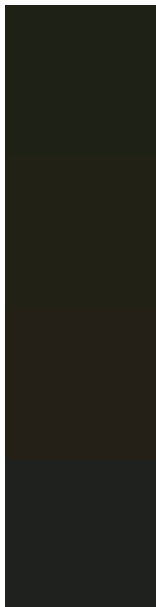
32.4800, -4.6736, 5.7180



Tritanopia

32.3420, 1.3104, -0.2999

Trichromacy



Original Color

31.4360, -4.6519, -1.2594

Protanomaly

31.6320, -5.2416, 1.1997

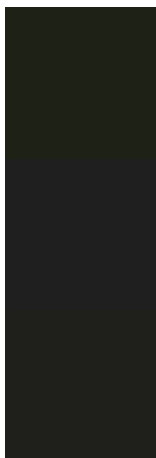
Deuteranomaly

32.1700, -4.5208, 3.3589

Tritanomaly

32.0600, -1.0156, -0.9296

Monochromacy



Original Color

31.4360, -4.6519, -1.2594

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.2450, -1.5998, -0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.4360, -4.6519, -1.2594 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(30, 34, 22)` looks like.

```
.text, #text, p{  
    color:rgb(30, 34, 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(30, 34, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 34, 22) }
```

Border

The CSS property to change the border of an element to YUV 31.4360, -4.6519, -1.2594 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(30, 34, 22) }
```


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

```
.border{ border-color:rgb(30, 34, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 34, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 34, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 34, 22);  
box-shadow:4px 4px 4px 4px rgb(30, 34, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.4360, -4.6519, -1.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 34, 22) }
```

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

```
.background{ background-color: rgb(30, 34,  
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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