

Converting Colors

YUV(131.1440, -18.3120,
40.2157)

Have a look what the booklet for
YUV(131.1440, -18.3120, 40.2157)
contains.

YUV(131.1440, -18.3120, 40.2157)	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(131.1440, -18.3120,
40.2157)**

Conversions

Conversions Part 1

Format	Color
Hex	B1735E
RGB	177, 115, 94
RGB Percent	69%, 45%, 37%
CMY	0.3059, 0.5490, 0.6314
CMYK	0.00, 0.35, 0.47, 0.31
HSL	15°, 35%, 53%
HSV	15°, 47%, 69%
XYZ	26.2826, 22.4167, 13.5313
YIQ	131.1440, 43.6930, 6.6130

Conversions

Conversions Part 2

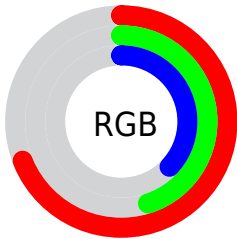
Format	Color
R_{YB}	177, 122, 94
Decimal	11629406
CIE _{Lab}	54.47, 22.01, 21.69
CIE _{LCh}	54, 30.901, 44.575
Yxy	22.4167, 0.4223, 0.3602
Android (android.graphics.Color)	4289819486 (0xFFB1735E)
YUV	131.1440, -18.3120, 40.2157
Hunter-Lab	47.3463, 16.2317, 16.1977

Details

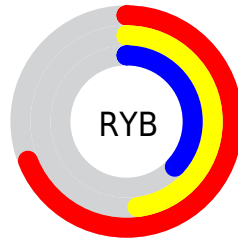
The YUV color **131.1440, -18.3120, 40.2157** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **139.8560, 18.3120, -40.2157**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8240, -19.6332, 44.0044**, and **80.6920, -16.1172, 36.2271** is the 20% darker color. If you saturate the color by 10%, you get **121.4610, -22.4123, 48.7077**, and if you desaturate by 10%, it is **140.8270, -14.2117, 31.7237**.

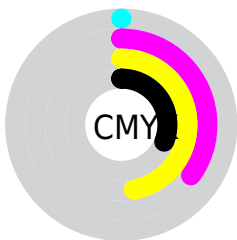
Distribution



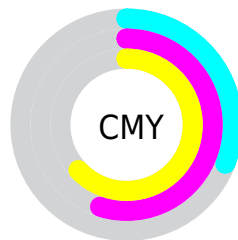
- Red (69%)
- Green (45%)
- Blue (37%)



- Red (69%)
- Yellow (48%)
- Blue (37%)



- Cyan (0%)
- Magenta (35%)
- Yellow (47%)
- Black (31%)



- Cyan (31%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.1440, -18.3120, 40.2157 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 131.1440, -18.3120, 40.2157 by changing the saturation by 10% instead.

■ 131.1440,
-18.3120, 40.2157

■ 131.1440,
-18.3120, 40.2157

■ 255.0000, 0.0000,
0.0000

■ 105.3610,
-17.4330, 38.2714

■ 184.8240,
-19.6332, 44.0044

■ 80.6920, -16.1172,
36.2271

■ 210.2040,
-19.3276, 39.2861

■ 56.6100, -15.0907,
33.6680

■ 229.7180,
-15.6370, 22.1723

■ 33.0720, -15.8115,
31.5089

■ 249.4600,
-11.0728, 4.8586

■ 13.1560, -6.4859,
27.0502

■ 0.0000, 0.0000,
0.0000

■ 131.1440,
-18.3120, 40.2157

■ 131.1440,
-18.3120, 40.2157

■ 121.4610,
-22.4123, 48.7077

■ 140.8270,
-14.2117, 31.7237

■ 111.8920,
-26.0758, 57.0997

■ 150.3960,
-10.5482, 23.3317

■ 101.6220,
-29.8866, 66.1065

■ 160.6660, -6.7373,
14.3249

■ 91.9390, -33.9869,
74.5985

■ 170.3490, -2.6371,
5.8329

■ 82.2560, -38.0872,
83.0905

■ 180.0320, 1.4632,
-2.6591

■ 79.3380, -39.1136,
85.6496

■ 189.6010, 5.1267,
-11.0511

■ 199.8710, 8.9376,
-20.0579

■ 209.5540, 13.0379,

-28.5499

■ 219.1230, 16.7014,
-36.9419

Harmonies

Analogous

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



132.7390, -7.2663, 44.0789



131.1440, -18.3120, 40.2157



129.6340, -24.9626, 26.6310

Triad

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



131.1440, -18.3120, 40.2157



118.8670, -1.9064, -41.9794



129.6710, 25.7982, -14.6205

Complementary

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



131.1440, -18.3120, 40.2157



139.8560, 18.3120, -40.2157

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.



121.0860, 29.5376, -47.4334



131.1440, -18.3120, 40.2157



110.9850, 15.7834, -69.2698

Square

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



131.1440, -18.3120, 40.2157



123.9490, -16.2439, -16.6183



108.3720, 28.9036, -77.5022



133.8550, 16.8335, 14.1592

Rectangle

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



131.1440, -18.3120, 40.2157



128.0300, -25.6508, 14.0057



108.3720, 28.9036, -77.5022



127.6480, 27.2885, -26.0013

Sweetspot

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



131.1440, -18.3120, 40.2157



211.5630, -7.1796, 16.1692



125.8850, 14.8467, 44.8279



103.9150, -4.3951, 9.7215



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



131.1440, -18.3120, 40.2157



158.3550, -28.2760, 62.8327



155.2110, -30.1770, 19.1090



84.4520, -2.1948, 3.9886



68.6400, -33.8395, 73.9837



11.2960, -5.5689, 12.8954

Inverse Universe

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



139.8560, 18.3120, -40.2157



172.0580, 28.5654, -62.3179



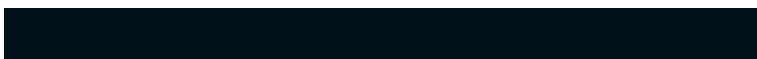
115.7890, 30.1770, -19.1090



85.1350, 1.9054, -4.5034



84.3600, 33.8395, -73.9837



14.1170, 5.8583, -12.3806

Previews

White Background



This preview shows how the YUV color 131.1440, -18.3120, 40.2157 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 131.1440, -18.3120, 40.2157 looks on a black 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 × Fail

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

YUV 131.1440, -18.3120, 40.2157

Background



This preview shows how black text looks on a background with the YUV color 131.1440, -18.3120, 40.2157.



This preview shows how white text looks on a background with the YUV color 131.1440, -18.3120,

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

131.1440, -18.3120, 40.2157

Protanopia

129.3850, -13.9938, 8.4324

Deuteranopia

130.5070, -18.9840, 22.3574



Tritanopia

132.3580, -6.0925, 40.9050

Trichromacy



Original Color

131.1440, -18.3120, 40.2157

Protanomaly

130.2940, -15.9209, 19.9132

Deuteranomaly

130.6650, -18.5688, 29.2348

Tritanomaly

131.6200, -10.1657, 40.6753

Monochromacy



Original Color

131.1440, -18.3120, 40.2157

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0790, -6.4479, 14.8397

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.1440, -18.3120, 40.2157 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(177, 115, 94)` looks like.

```
.text, #text, p{  
    color:rgb(177, 115, 94)  
}
```

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(177, 115, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 115, 94) }
```

Border

The CSS property to change the border of an element to YUV 131.1440, -18.3120, 40.2157 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(177, 115, 94) }
```


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

```
.border{ border-color:rgb(177, 115, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 115, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 115, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 115, 94);  
box-shadow:4px 4px 4px 4px rgb(177, 115,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 131.1440, -18.3120, 40.2157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 115, 94) }
```

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

```
.background{ background-color: rgb(177,  
115, 94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor