

Converting Colors

YUV(18.1640, -2.0529, 5.1182)

Have a look what the booklet for
YUV(18.1640, -2.0529, 5.1182)
contains.

YUV(18.1640, -2.0529, 5.1182)	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(18.1640, -2.0529,
5.1182)**

Conversions

Conversions Part 1

Format	Color
Hex	18100E
RGB	24, 16, 14
RGB Percent	9%, 6%, 5%
CMY	0.9059, 0.9373, 0.9451
CMYK	0.00, 0.33, 0.42, 0.91
HSL	12°, 26%, 7%
HSV	12°, 42%, 9%
XYZ	0.6412, 0.5965, 0.4968
YIQ	18.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

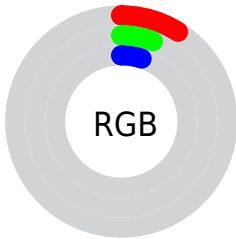
Format	Color
RYB	24, 17, 14
Decimal	1576974
CIELab	5.39, 3.04, 2.18
CIELCh	5, 3.746, 35.654
Yxy	0.5965, 0.3697, 0.3439
Android (android.graphics.Color)	4279767054 (0xFF18100E)
YUV	18.1640, -2.0529, 5.1182
Hunter-Lab	7.7232, 1.3050, 1.5924

Details

The YUV color **18.1640, -2.0529, 5.1182** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **19.8360, 2.0529, -5.1182**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **60.8650, -1.9054, 4.5034**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.7620, -2.3477, 6.3477**, and if you desaturate by 10%, it is **19.5660, -1.7580, 3.8886**.

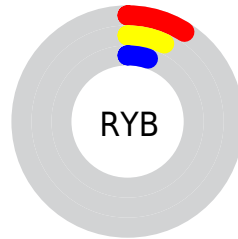
Distribution



Red (9%)

Green (6%)

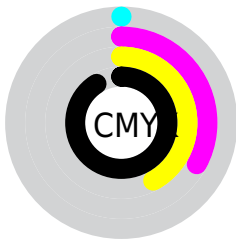
Blue (5%)



Red (9%)

Yellow (7%)

Blue (5%)

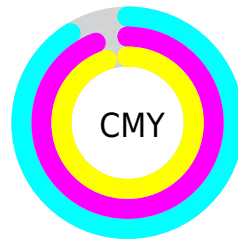


Cyan (0%)

Magenta (33%)

Yellow (42%)

Black (91%)



Cyan (91%)

Magenta (94%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.1640, -2.0529, 5.1182 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 18.1640, -2.0529, 5.1182 by changing the saturation by 10% instead.

■ 18.1640, -2.0529,
5.1182

■ 18.1640, -2.0529,
5.1182

■ 242.7620, -2.3477,
6.3477

■ 0.0000, 0.0000,
0.0000

■ 60.8650, -1.9054,
4.5034

■ 83.5770, -1.7635,
5.6330

■ 108.1640, -2.0529,
5.1182

■ 133.4630, -2.2003,
5.7329

■ 159.4630, -2.2003,
5.7329

■ 186.4630, -2.2003,

5.7329

■ 213.7620, -2.3477,
6.3477

■ 18.1640, -2.0529,
5.1182

■ 18.1640, -2.0529,
5.1182

■ 16.7620, -2.3477,
6.3477

■ 19.5660, -1.7580,
3.8886

■ 15.2460, -3.0793,
7.6773

■ 21.0820, -1.0264,
2.5591

■ 13.8440, -3.3741,
8.9068

■ 22.4840, -0.7316,
1.3295

■ 12.3280, -4.1057,
10.2363

■ 24.0000, 0.0000,
0.0000

■ 10.9260, -4.4005,
11.4659

■ 25.4020, 0.2948,
-1.2296

■ 10.1110, -4.9847,
12.1807

■ 26.8040, 0.5896,
-2.4591

■ 27.7330, 1.6106,
-3.2738

■ 29.1350, 1.9054,
-4.5034

■ 30.6510, 2.6371,
-5.8329

Harmonies

Analogous

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



18.5060, -0.7425, 4.8182



18.1640, -2.0529, 5.1182



18.1100, -3.5052, 4.2885

Triad

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



18.1640, -2.0529, 5.1182



16.4510, -0.7153, -3.9035



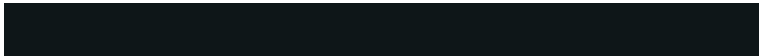
17.6730, 2.6262, -2.3442

Complementary

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



18.1640, -2.0529, 5.1182



19.8360, 2.0529, -5.1182

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.



17.3630, 2.7790, -4.7034



18.1640, -2.0529, 5.1182



16.7820, 0.6005, -5.9478

Square

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



18.1640, -2.0529, 5.1182



17.3050, -2.6154, -1.1445



16.2380, 2.3477, -6.3477



18.1680, 1.8892, 0.7297

Rectangle

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



18.1640, -2.0529, 5.1182



17.5120, -3.2104, 3.0590



16.2380, 2.3477, -6.3477



17.3740, 2.7736, -2.9590

Sweetspot

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



18.1640, -2.0529, 5.1182



28.1960, -0.5896, 2.4591



17.9020, 2.0203, 5.3479



13.5980, -0.2948, 1.2296



143.0000, 0.0000, 0.0000



15.0000, 0.0000, 0.0000

Same Dimension

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



18.1640, -2.0529, 5.1182



21.5450, -3.2267, 8.2920



21.0990, -3.4998, 2.5442



12.1850, -0.5842, 0.7148



31.8280, -15.6912, 39.6158



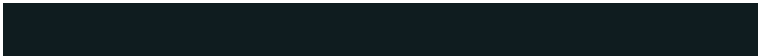
85.0630, -41.9361, 104.3077

Inverse Universe

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



19.8360, 2.0529, -5.1182



24.4550, 3.2267, -8.2920



16.9010, 3.4998, -2.5442



11.8150, 0.5842, -0.7148



44.5850, 15.9806, -39.1010



118.9370, 41.9361, -104.3077

Previews

White Background



This preview shows how the YUV color 18.1640, -2.0529, 5.1182 looks on a white background.

Color Contrast Check

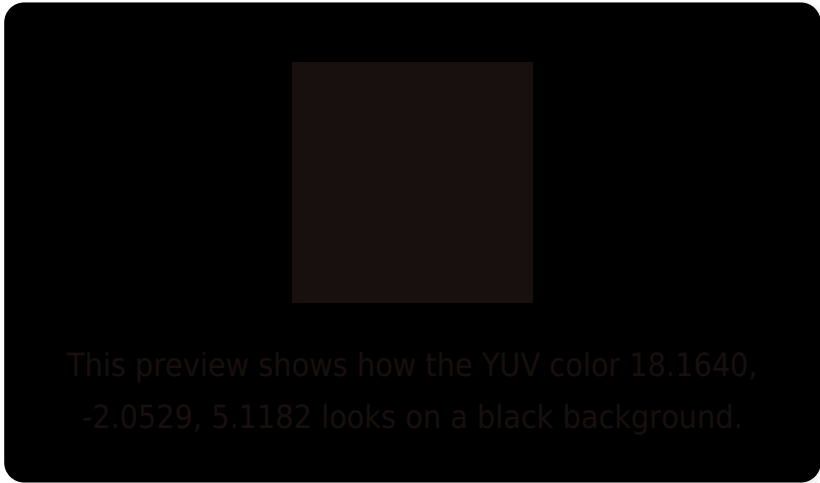
Large Text (above 18pt) WCAG AA ✓ Pass

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

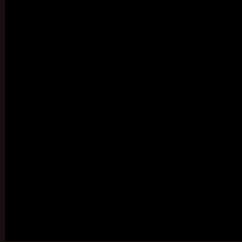
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.1640, -2.0529, 5.1182

Background



This preview shows how black text looks on a background with the YUV color 18.1640, -2.0529, 5.1182.

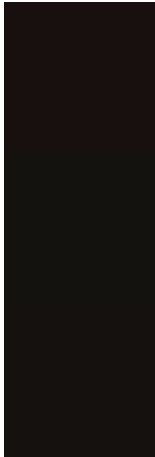


This preview shows how white text looks on a background with the YUV color 18.1640, -2.0529,

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

18.1640, -2.0529, 5.1182

Protanopia

17.9570, -1.4578, 0.9147

Deuteranopia

17.8540, -1.9000, 2.7590



Tritanopia

18.5060, -0.7425, 4.8182

Trichromacy



Original Color

18.1640, -2.0529, 5.1182

Protanomaly

17.9680, -1.4632, 2.6591

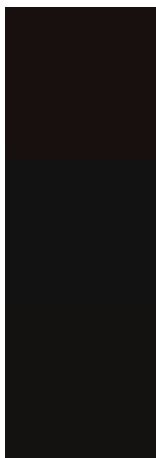
Deuteranomaly

18.1530, -2.0474, 3.3738

Tritanomaly

18.3920, -1.1793, 4.9182

Monochromacy



Original Color

18.1640, -2.0529, 5.1182

Achromatopsia

18.0000, 0.0000, 0.0000

Achromatomaly

17.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.1640, -2.0529, 5.1182 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(24, 16, 14)` looks like.

```
.text, #text, p{  
    color:rgb(24, 16, 14)  
}
```

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(24, 16, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 16, 14) }
```

Border

The CSS property to change the border of an element to YUV 18.1640, -2.0529, 5.1182 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(24, 16, 14) }
```


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

```
.border{ border-color:rgb(24, 16, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 16, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 16, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 16, 14);  
box-shadow:4px 4px 4px 4px rgb(24, 16, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 18.1640, -2.0529, 5.1182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 16, 14) }
```

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

```
.background{ background-color: rgb(24, 16,  
14) }
```

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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