

Converting Colors

YUV(18.7280, -0.8519, -6.7775)

Have a look what the booklet for
YUV(18.7280, -0.8519, -6.7775)
contains.

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Color

**YUV(18.7280, -0.8519,
-6.7775)**

Conversions

Conversions Part 1

Format	Color
Hex	0B1711
RGB	11, 23, 17
RGB Percent	4%, 9%, 7%
CMY	0.9569, 0.9098, 0.9333
CMYK	0.52, 0.00, 0.26, 0.91
HSL	150°, 35%, 7%
HSV	150°, 52%, 9%
XYZ	0.5456, 0.7244, 0.6414
YIQ	18.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

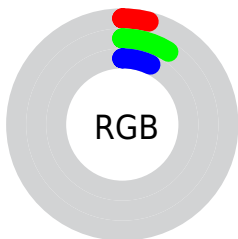
Format	Color
RYB	11, 19, 23
Decimal	726801
CIELab	6.54, -5.86, 2.11
CIElCh	7, 6.224, 160.201
Yxy	0.7244, 0.2854, 0.3790
Android (android.graphics.Color)	4278916881 (0xFF0B1711)
YUV	18.7280, -0.8519, -6.7775
Hunter-Lab	8.5112, -3.4525, 1.4899

Details

The YUV color **18.7280, -0.8519, -6.7775** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **15.2720, 0.8519, 6.7775**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **61.0270, -0.9993, -6.1627**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.0160, -0.9939, -7.9070**, and if you desaturate by 10%, it is **19.4400, -0.7099, -5.6479**.

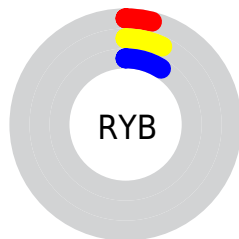
Distribution



Red (4%)

Green (9%)

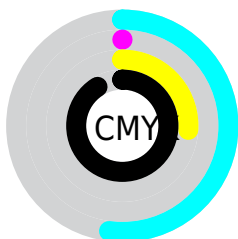
Blue (7%)



Red (4%)

Yellow (7%)

Blue (9%)

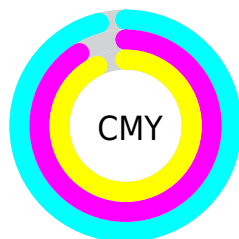


Cyan (52%)

Magenta (0%)

Yellow (26%)

Black (91%)



Cyan (96%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.7280, -0.8519, -6.7775 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 18.7280, -0.8519, -6.7775 by changing the saturation by 10% instead.

■ 18.7280, -0.8519,
-6.7775

■ 18.7280, -0.8519,
-6.7775

■ 243.3150, -1.1413,
-7.2923

■ 0.0000, 0.0000,
0.0000

■ 61.0270, -0.9993,
-6.1627

■ 84.6140, -1.2887,
-6.6775

■ 108.7280, -0.8519,
-6.7775

■ 134.3150, -1.1413,
-7.2923

■ 160.3150, -1.1413,
-7.2923

■ 187.3150, -1.1413,

-7.2923

■ 215.2010, -1.5781,
-7.1923

■ 18.7280, -0.8519,
-6.7775

■ 18.7280, -0.8519,
-6.7775

■ 18.0160, -0.9939,
-7.9070

■ 19.4400, -0.7099,
-5.6479

■ 17.0050, -0.9885,
-9.6514

■ 20.4510, -0.7153,
-3.9035

■ 16.2930, -1.1304,
-10.7810

■ 21.1630, -0.5734,
-2.7740

■ 15.4670, -1.7092,
-11.8106

■ 21.9890, 0.0054,
-1.7444

■ 14.8690, -1.4144,
-13.0401

■ 23.0000, 0.0000,
0.0000

■ 23.7120, 0.1420,
1.1296

■ 24.4240, 0.2840,
2.2592

■ 25.1360, 0.4260,
3.3887

■ 26.1470, 0.4205,
5.1331

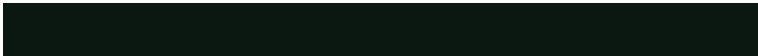
Harmonies

Analogous

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



19.3650, -3.6309, -2.0741



18.7280, -0.8519, -6.7775



18.1020, 1.9217, -9.7365

Triad

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



18.7280, -0.8519, -6.7775



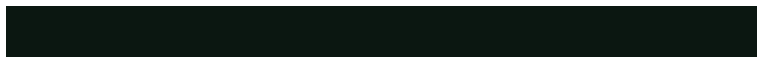
20.4280, 4.2260, -2.1294



20.8330, -3.3687, 7.1625

Complementary

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



18.7280, -0.8519, -6.7775



15.2720, 0.8519, 6.7775

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.



20.8160, -0.8953, 7.1774



18.7280, -0.8519, -6.7775



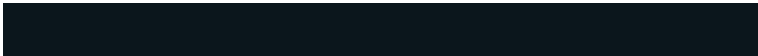
21.1080, 2.9048, 1.6593

Square

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



18.7280, -0.8519, -6.7775



19.3950, 4.2423, -7.3624



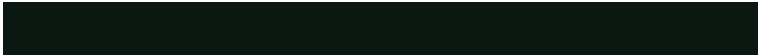
21.3750, 1.2941, 4.9331



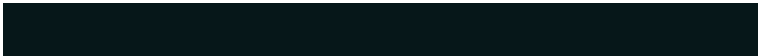
20.3660, -5.1104, 5.8180

Rectangle

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



18.7280, -0.8519, -6.7775



18.1450, 3.3795, -10.6512



21.3750, 1.2941, 4.9331



21.0610, -2.4951, 6.9625

Sweetspot

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



18.7280, -0.8519, -6.7775



29.1630, -0.5734, -2.7740



19.8380, -4.3571, -2.4889



13.9890, 0.0054, -1.7444



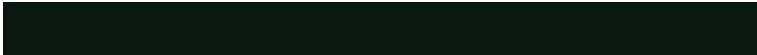
143.0000, 0.0000, 0.0000



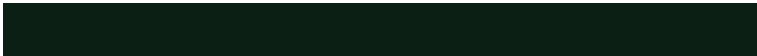
15.0000, 0.0000, 0.0000

Same Dimension

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



18.7280, -0.8519, -6.7775



23.8800, -1.4198, -11.2958



19.4120, 1.7689, -7.3773



12.2880, -0.1420, -1.1296



49.5310, -5.6848, -43.4387



131.3760, -14.4824, -115.2168

Inverse Universe

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



15.2720, 0.8519, 6.7775



18.1200, 1.4198, 11.2958



14.5880, -1.7689, 7.3773



11.7120, 0.1420, 1.1296



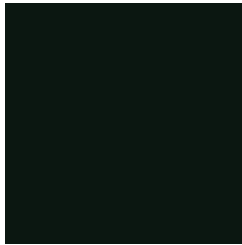
27.3550, 5.2480, 43.5387



72.6240, 14.4824, 115.2168

Previews

White Background



This preview shows how the YUV color 18.7280, -0.8519, -6.7775 looks on a white background.

Color Contrast Check

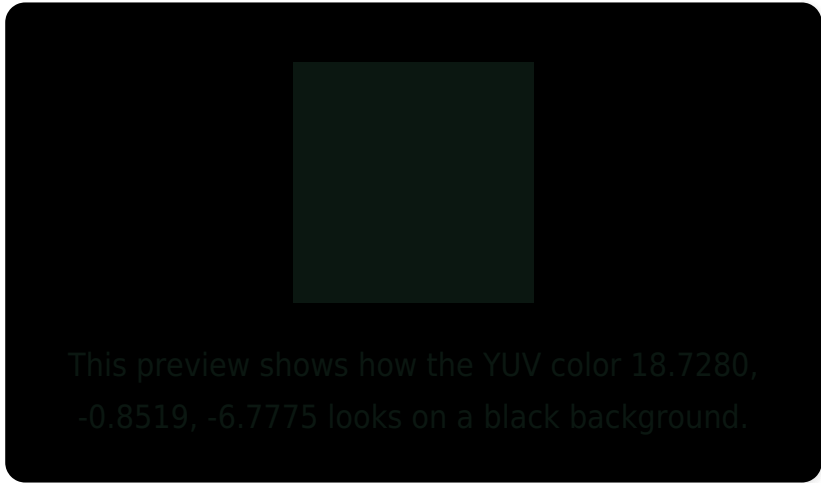
Large Text (above 18pt) WCAG AA ✓ Pass

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

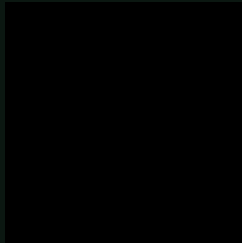
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

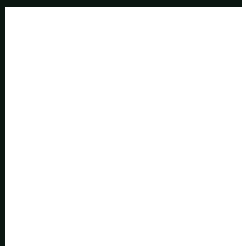
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 18.7280, -0.8519, -6.7775

Background



This preview shows how black text looks on a background with the YUV color 18.7280, -0.8519, -6.7775.



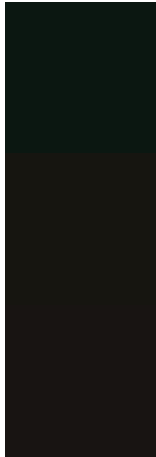
This preview shows how white text looks on a background with the YUV color 18.7280, -0.8519,

-6.7775.

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

18.7280, -0.8519, -6.7775

Protanopia

20.7290, -2.3314, 1.1147

Deuteranopia

20.9680, -1.4632, 2.6591



Tritanopia

19.5370, 2.2003, -5.7329

Trichromacy



Original Color

18.7280, -0.8519, -6.7775

Protanomaly

20.1200, -2.0312, -1.8592

Deuteranomaly

20.0600, -1.0156, -0.9296

Tritanomaly

18.8960, 1.0373, -6.0478

Monochromacy



Original Color

18.7280, -0.8519, -6.7775

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.5760, -0.2840, -2.2592

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.7280, -0.8519, -6.7775 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(11, 23, 17)` looks like.

```
.text, #text, p{  
    color:rgb(11, 23, 17)  
}
```

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(11, 23, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 23, 17) }
```

Border

The CSS property to change the border of an element to YUV 18.7280, -0.8519, -6.7775 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(11, 23, 17) }
```


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

```
.border{ border-color:rgb(11, 23, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 23, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 23, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 23, 17);  
box-shadow:4px 4px 4px 4px rgb(11, 23, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 18.7280, -0.8519, -6.7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 23, 17) }
```

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

```
.background{ background-color: rgb(11, 23,  
17) }
```

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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