

Converting Colors

YUV(27.0240, -9.8718, -7.0370)

Have a look what the booklet for
YUV(27.0240, -9.8718, -7.0370)
contains.

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Color

**YUV(27.0240, -9.8718,
-7.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	132307
RGB	19, 35, 7
RGB Percent	7%, 14%, 3%
CMY	0.9255, 0.8627, 0.9725
CMYK	0.46, 0.00, 0.80, 0.86
HSL	94°, 67%, 8%
HSV	94°, 80%, 14%
XYZ	0.9079, 1.3559, 0.4149
YIQ	27.0240, -0.5480, -12.1000

Conversions

Conversions Part 2

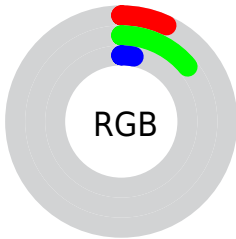
Format	Color
R_{YB}	7, 35, 23
Decimal	1254151
CIE _{Lab}	11.66, -13.14, 14.17
CIE _{LCh}	12, 19.323, 132.831
Yxy	1.3559, 0.3390, 0.5062
Android (android.graphics.Color)	4279444231 (0xFF132307)
YUV	27.0240, -9.8718, -7.0370
Hunter-Lab	11.6441, -6.4588, 6.0384

Details

The YUV color **27.0240, -9.8718, -7.0370** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.9760, 9.8718, 7.0370**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.1270, -9.4296, -8.8814**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.9700, -11.3242, -7.8667**, and if you desaturate by 10%, it is **28.0780, -8.4195, -6.2074**.

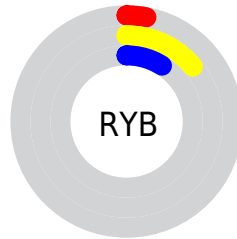
Distribution



Red (7%)

Green (14%)

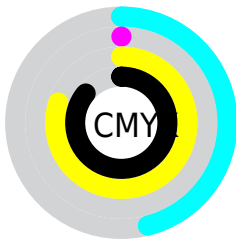
Blue (3%)



Red (3%)

Yellow (14%)

Blue (9%)

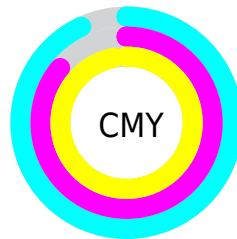


Cyan (46%)

Magenta (0%)

Yellow (80%)

Black (86%)



Cyan (93%)

Magenta (86%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.0240, -9.8718, -7.0370 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 27.0240, -9.8718, -7.0370 by changing the saturation by 10% instead.

■ 27.0240, -9.8718,
-7.0370

■ 27.0240, -9.8718,
-7.0370

■ 249.3880, -8.5723,
-3.8483

■ 6.4570, -3.1833,
-5.6628

■ 71.1270, -9.4296,
-8.8814

■ 0.0000, 0.0000,
0.0000

■ 95.0130, -9.8664,
-8.7814

■ 119.6000,
-10.1558, -9.2962

■ 145.3720,
-11.0294, -9.0962

■ 171.9590,
-11.3188, -9.6110

■ 198.9590,

-11.3188, -9.6110

■ 227.5460,
-11.6082, -10.1258

■ 27.0240, -9.8718,
-7.0370

■ 27.0240, -9.8718,
-7.0370

■ 25.9700, -11.3242,
-7.8667

■ 28.0780, -8.4195,
-6.2074

■ 25.0300, -12.3398,
-8.7963

■ 29.0180, -7.4039,
-5.2778

■ 30.0720, -5.9515,
-4.4481

■ 31.0120, -4.9359,
-3.5185

■ 32.0660, -3.4835,
-2.6889

■ 33.0060, -2.4680,
-1.7593

■ 34.0600, -1.0156,
-0.9296

■ 35.0000, 0.0000,
0.0000

■ 36.0540, 1.4524,
0.8296

Harmonies

Analogous

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



28.9500, -14.2723, 4.4289



27.0240, -9.8718, -7.0370



24.3410, -0.6611, -21.3471

Triad

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



27.0240, -9.8718, -7.0370



26.3420, 14.6214, -23.1019



30.5620, -2.2491, 21.4321

Complementary

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



27.0240, -9.8718, -7.0370



14.9760, 9.8718, 7.0370

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.



31.4350, 3.7295, 17.1585



27.0240, -9.8718, -7.0370



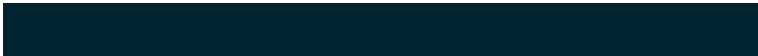
29.1910, 13.7098, -10.6915

Square

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



27.0240, -9.8718, -7.0370



27.1910, 10.2588, -23.8465



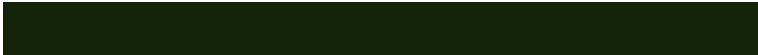
32.0360, 8.8563, 6.1074



30.0150, -9.3744, 20.1578

Rectangle

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



27.0240, -9.8718, -7.0370



25.3670, 3.2701, -22.2469



32.0360, 8.8563, 6.1074



31.0180, -0.5019, 21.0322

Sweetspot

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



27.0240, -9.8718, -7.0370



42.9520, -3.9203, -2.5889



24.7640, -8.7577, 8.9770



21.0060, -2.4680, -1.7593



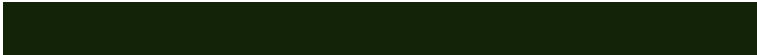
150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



27.0240, -9.8718, -7.0370



33.5090, -15.5339, -10.9704



23.6640, -7.2294, -14.6143



17.4730, -0.7262, -0.4148



58.5990, -28.8893, -20.6963



149.5930, -73.7493, -52.2631

Inverse Universe

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



14.9760, 9.8718, 7.0370



14.4910, 15.5339, 10.9704



18.3360, 7.2294, 14.6143



16.5270, 0.7262, 0.4148



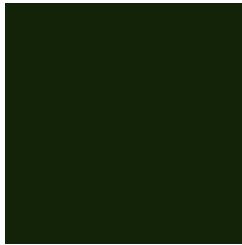
23.4010, 28.8893, 20.6963



59.4070, 73.7493, 52.2631

Previews

White Background



This preview shows how the YUV color 27.0240, -9.8718, -7.0370 looks on a white background.

Color Contrast Check

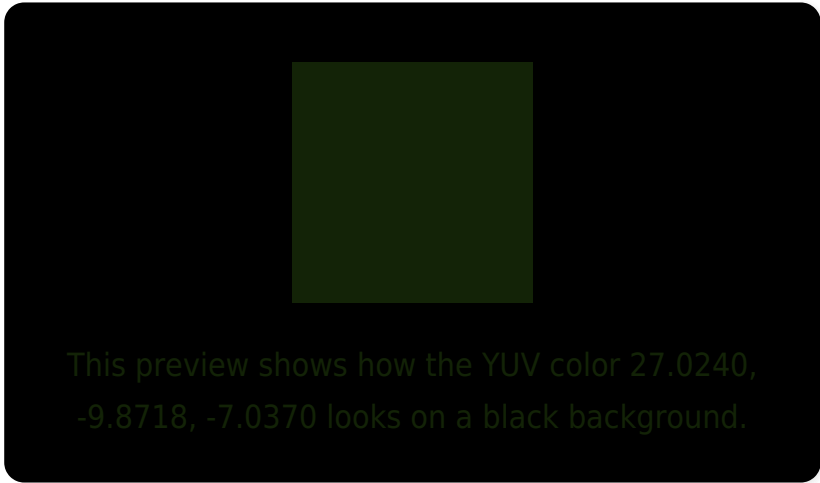
Large Text (above 18pt) WCAG AA ✓ Pass

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

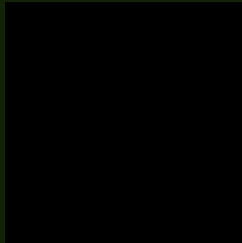
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.0240, -9.8718, -7.0370

Background



This preview shows how black text looks on a background with the YUV color 27.0240, -9.8718, -7.0370.



This preview shows how white text looks on a background with the YUV color 27.0240, -9.8718,

-7.0370.

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

27.0240, -9.8718, -7.0370

Protanopia

29.3460, -11.5096, 4.9586

Deuteranopia

29.8240, -9.7732, 8.0474



Tritanopia

30.2380, 2.3477, -6.3477

Trichromacy



Original Color

27.0240, -9.8718, -7.0370

Protanomaly

28.1390, -10.9145, 0.7551

Deuteranomaly

28.7910, -9.7570, 2.8143

Tritanomaly

29.3860, -2.1623, -6.4775

Monochromacy



Original Color

27.0240, -9.8718, -7.0370

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.0660, -3.4835, -2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.0240, -9.8718, -7.0370 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(19, 35, 7)` looks like.

```
.text, #text, p{  
    color:rgb(19, 35, 7)  
}
```

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(19, 35, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 35, 7) }
```

Border

The CSS property to change the border of an element to YUV 27.0240, -9.8718, -7.0370 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(19, 35, 7) }
```


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

```
.border{ border-color:rgb(19, 35, 7) }
```

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

Here you see how a box with a 4 pixel rgb(19, 35, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 35, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(19, 35, 7); box-shadow:4px  
4px 4px 4px rgb(19, 35, 7) }
```

Background

The CSS property to change the background color of an element to YUV 27.0240, -9.8718, -7.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 35, 7) }
```

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

```
.background{ background-color: rgb(19, 35,  
7) }
```

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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