

Converting Colors

YUV(27.6050, -7.6933, -5.7926)

Have a look what the booklet for
YUV(27.6050, -7.6933, -5.7926)
contains.

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Color

**YUV(27.6050, -7.6933,
-5.7926)**

Conversions

Conversions Part 1

Format	Color
Hex	15220C
RGB	21, 34, 12
RGB Percent	8%, 13%, 5%
CMY	0.9176, 0.8667, 0.9529
CMYK	0.38, 0.00, 0.65, 0.87
HSL	95°, 48%, 9%
HSV	95°, 65%, 13%
XYZ	0.9476, 1.3300, 0.5546
YIQ	27.6050, -0.6860, -9.5980

Conversions

Conversions Part 2

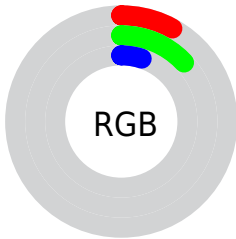
Format	Color
R_{YB}	12, 34, 25
Decimal	1384972
CIE _{Lab}	11.48, -10.85, 11.87
CIE _{LCh}	11, 16.080, 132.436
Yxy	1.3300, 0.3346, 0.4696
Android (android.graphics.Color)	4279575052 (0xFF15220C)
YUV	27.6050, -7.6933, -5.7926
Hunter-Lab	11.5327, -5.5147, 5.2217

Details

The YUV color **27.6050, -7.6933, -5.7926** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18.3950, 7.6933, 5.7926**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.1920, -7.9827, -6.3074**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.6650, -8.7088, -6.7222**, and if you desaturate by 10%, it is **28.5450, -6.6777, -4.8630**.

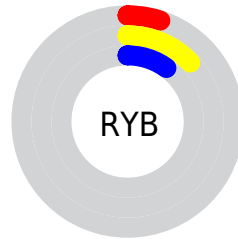
Distribution



Red (8%)

Green (13%)

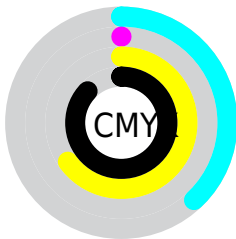
Blue (5%)



Red (5%)

Yellow (13%)

Blue (10%)

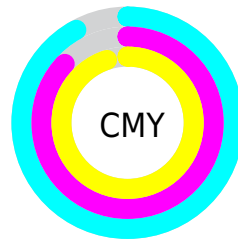


Cyan (38%)

Magenta (0%)

Yellow (65%)

Black (87%)



Cyan (92%)

Magenta (87%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.6050, -7.6933, -5.7926 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 27.6050, -7.6933, -5.7926 by changing the saturation by 10% instead.

■ 27.6050, -7.6933,
-5.7926

■ 27.6050, -7.6933,
-5.7926

■ 250.4420, -7.1199,
-3.0186

■ 5.8700, -2.8939,
-5.1480

■ 71.1920, -7.9827,
-6.3074

■ 0.0000, 0.0000,
0.0000

■ 94.7790, -8.2720,
-6.8222

■ 119.6650, -8.7088,
-6.7222

■ 145.2520, -8.9982,
-7.2370

■ 172.1380, -9.4350,
-7.1370

■ 199.7250, -9.7244,

-7.6518

■ 227.7250, -9.7244,
-7.6518

■ 27.6050, -7.6933,
-5.7926

■ 27.6050, -7.6933,
-5.7926

■ 26.6650, -8.7088,
-6.7222

■ 28.5450, -6.6777,
-4.8630

■ 25.6110, -10.1612,
-7.5518

■ 29.5990, -5.2253,
-4.0333

■ 24.6710, -11.1768,
-8.4815

■ 30.5390, -4.2097,
-3.1037

■ 24.1440, -11.9030,
-8.8963

■ 31.5930, -2.7573,
-2.2741

■ 32.5330, -1.7418,
-1.3444

■ 33.4730, -0.7262,
-0.4148

■ 34.5270, 0.7262,
0.4148

■ 35.4670, 1.7418,
1.3444

■ 36.5210, 3.1941,
2.1741

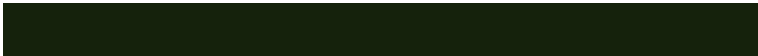
Harmonies

Analogous

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



28.7050, -12.6726, 4.6437



27.6050, -7.6933, -5.7926



24.9500, -0.9613, -18.3731

Triad

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



27.6050, -7.6933, -5.7926



25.1850, 12.7268, -22.0872



30.5400, -2.2382, 17.9434

Complementary

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



27.6050, -7.6933, -5.7926



18.3950, 7.6933, 5.7926

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.



31.1850, 2.8668, 13.8698



27.6050, -7.6933, -5.7926



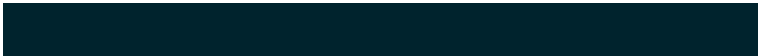
29.5180, 11.0836, -8.3473

Square

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



27.6050, -7.6933, -5.7926



25.6750, 9.5272, -22.5170



31.6830, 7.5513, 4.6630



30.4490, -7.6164, 16.2692

Rectangle

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



27.6050, -7.6933, -5.7926



24.6660, 3.1227, -21.6321



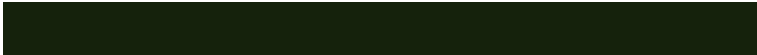
31.6830, 7.5513, 4.6630



30.9960, -0.4910, 17.5435

Sweetspot

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



27.6050, -7.6933, -5.7926



40.5930, -2.7573, -2.2741



26.2090, -7.0050, 6.8327



21.5330, -1.7418, -1.3444



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.



27.6050, -7.6933, -5.7926



33.2580, -11.4662, -8.9963



25.1420, -5.4930, -11.5255



17.4730, -0.7262, -0.4148



58.0010, -28.5945, -21.9259



148.3970, -73.1597, -54.7222

Inverse Universe

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



18.3950, 7.6933, 5.7926



19.7420, 11.4662, 8.9963



20.8580, 5.4930, 11.5255



16.5270, 0.7262, 0.4148



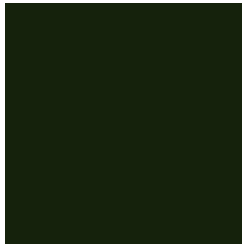
23.7000, 28.7419, 21.3111



60.9020, 73.0123, 55.3369

Previews

White Background



This preview shows how the YUV color 27.6050, -7.6933, -5.7926 looks on a white background.

Color Contrast Check

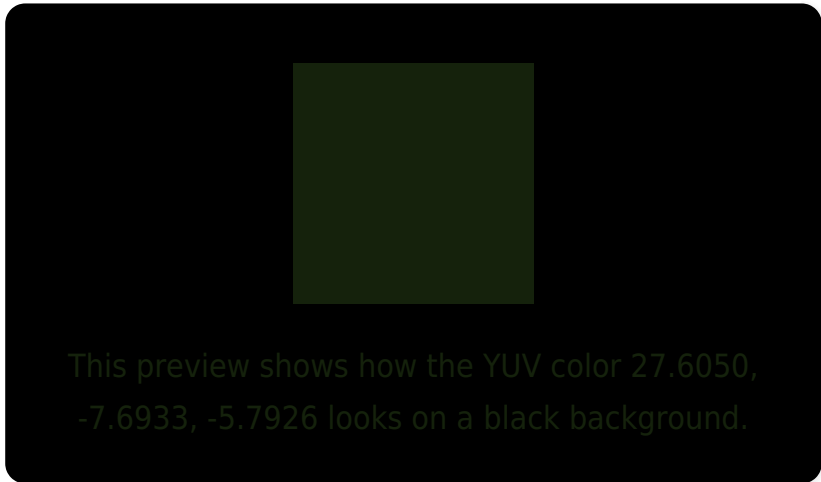
Large Text (above 18pt) WCAG AA ✓ Pass

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

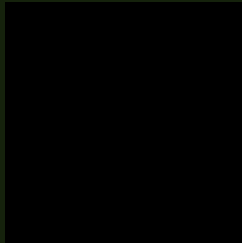
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

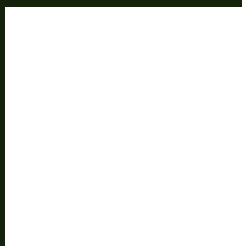
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 27.6050, -7.6933, -5.7926

Background



This preview shows how black text looks on a background with the YUV color 27.6050, -7.6933, -5.7926.



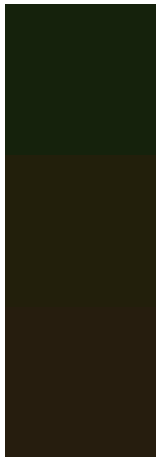
This preview shows how white text looks on a background with the YUV color 27.6050, -7.6933,

-5.7926.

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

27.6050, -7.6933, -5.7926

Protanopia

29.6170, -9.1782, 3.8439

Deuteranopia

29.9810, -7.8786, 7.0327



Tritanopia

29.8360, 2.0529, -5.1182

Trichromacy



Original Color

27.6050, -7.6933, -5.7926

Protanomaly

28.7090, -8.7305, 0.2552

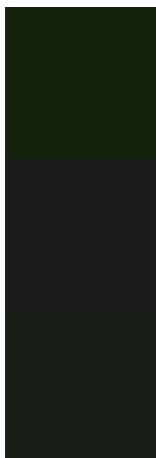
Deuteranomaly

29.2470, -8.0098, 2.4144

Tritanomaly

29.2120, -1.5835, -5.4479

Monochromacy



Original Color

27.6050, -7.6933, -5.7926

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.5930, -2.7573, -2.2741

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.6050, -7.6933, -5.7926 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(21, 34, 12)` looks like.

```
.text, #text, p{  
    color:rgb(21, 34, 12)  
}
```

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(21, 34, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 34, 12) }
```

Border

The CSS property to change the border of an element to YUV 27.6050, -7.6933, -5.7926 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(21, 34, 12) }
```


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

```
.border{ border-color:rgb(21, 34, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 34, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 34, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 34, 12);  
box-shadow:4px 4px 4px 4px rgb(21, 34, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.6050, -7.6933, -5.7926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 34, 12) }
```

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

```
.background{ background-color: rgb(21, 34,  
12) }
```

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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