

Converting Colors

YUV(27.0530, -10.3791,
15.7395)

Have a look what the booklet for
YUV(27.0530, -10.3791, 15.7395)
contains.

YUV(27.0530, -10.3791, 15.7395)	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(27.0530, -10.3791,
15.7395)**

Conversions

Conversions Part 1

Format	Color
Hex	2D1606
RGB	45, 22, 6
RGB Percent	18%, 9%, 2%
CMY	0.8235, 0.9137, 0.9765
CMYK	0.00, 0.51, 0.87, 0.82
HSL	25°, 76%, 10%
HSV	25°, 87%, 18%
XYZ	1.4020, 1.1449, 0.3194
YIQ	27.0530, 18.8440, -0.1000

Conversions

Conversions Part 2

Format	Color
RYB	45, 33, 6
Decimal	2954758
CIELab	10.14, 9.93, 12.92
CIElCh	10, 16.298, 52.453
Yxy	1.1449, 0.4891, 0.3994
Android (android.graphics.Color)	4281144838 (0xFF2D1606)
YUV	27.0530, -10.3791, 15.7395
Hunter-Lab	10.6998, 4.6638, 5.7201

Details

The YUV color **27.0530, -10.3791, 15.7395** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.9470, 10.3791, -15.7395**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.4770, -10.0952, 17.9987**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.7220, -11.6949, 17.7838**, and if you desaturate by 10%, it is **29.2700, -9.5001, 13.7952**.

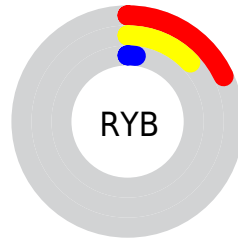
Distribution



Red (18%)

Green (9%)

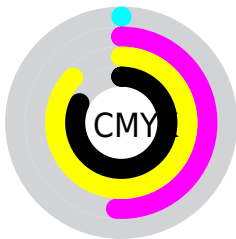
Blue (2%)



Red (18%)

Yellow (13%)

Blue (2%)

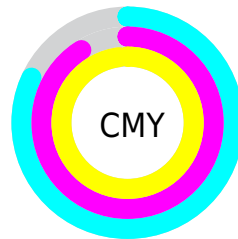


Cyan (0%)

Magenta (51%)

Yellow (87%)

Black (82%)



Cyan (82%)

Magenta (91%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.0530, -10.3791, 15.7395 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 27.0530, -10.3791, 15.7395 by changing the saturation by 10% instead.

■ 27.0530, -10.3791,
15.7395

■ 27.0530, -10.3791,
15.7395

■ 248.1550, -8.4574,
6.0031

■ 6.5780, -3.2430,
13.5251

■ 71.4770, -10.0952,
17.9987

■ 0.0000, 0.0000,
0.0000

■ 95.3740, -10.5374,
19.8430

■ 120.5590,
-11.1216, 20.5578


■ 146.1570,
-11.4164, 21.7873


■ 173.0430,
-11.8532, 21.8873


■ 200.5270,


-12.5848, 23.2168


 228.5270,
-12.5848, 23.2168


 27.0530, -10.3791,
15.7395


 27.0530, -10.3791,
15.7395


 24.7220, -11.6949,
17.7838


 29.2700, -9.5001,
13.7952

 24.0210, -11.8424,
18.3986

 31.0140, -7.8949,
12.2657

 33.2310, -7.0159,
10.3214

 35.5620, -5.7001,
8.2771

 37.3060, -4.0949,
6.7476

■ 39.5230, -3.2158,
4.8033

■ 41.8540, -1.9000,
2.7590

■ 43.4840, -0.7316,
1.3295

■ 45.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



27.7850, -3.8380, 17.7286



27.0530, -10.3791, 15.7395



26.6240, -13.1256, 9.9768

Triad

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



27.0530, -10.3791, 15.7395



22.2210, 1.3700, -19.4878



27.9100, 9.9044, -3.4291

Complementary

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



27.0530, -10.3791, 15.7395



23.9470, 10.3791, -15.7395

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.



23.1960, 12.7214, -20.3429



27.0530, -10.3791, 15.7395



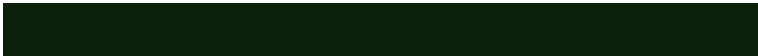
23.4750, 6.1748, -20.5876

Square

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



27.0530, -10.3791, 15.7395



24.0390, -5.9352, -9.6812



23.9140, 10.3954, -20.9726



29.2490, 5.7932, 8.5516

Rectangle

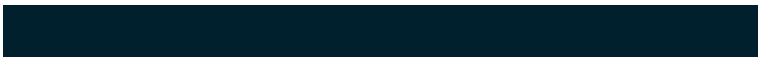
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.0530, -10.3791, 15.7395



25.7050, -12.6726, 4.6437



23.9140, 10.3954, -20.9726



26.5180, 11.0836, -8.3473

Sweetspot

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



27.0530, -10.3791, 15.7395



51.8930, -4.3842, 6.2328



20.2830, 4.2975, 21.6768



26.3380, -2.6316, 4.0886



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



27.0530, -10.3791, 15.7395



31.7290, -15.6424, 23.9167



38.2060, -15.8776, 5.9583



22.1850, -0.5842, 0.7148



47.1450, -23.2425, 34.9528



115.6420, -57.0115, 86.2600

Inverse Universe

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



23.9470, 10.3791, -15.7395



27.2710, 15.6424, -23.9167



12.7940, 15.8776, -5.9583



21.8150, 0.5842, -0.7148



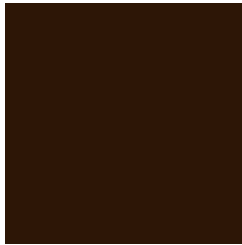
39.8550, 23.2425, -34.9528



98.3580, 57.0115, -86.2600

Previews

White Background



This preview shows how the YUV color 27.0530, -10.3791, 15.7395 looks on a white background.

Color Contrast Check

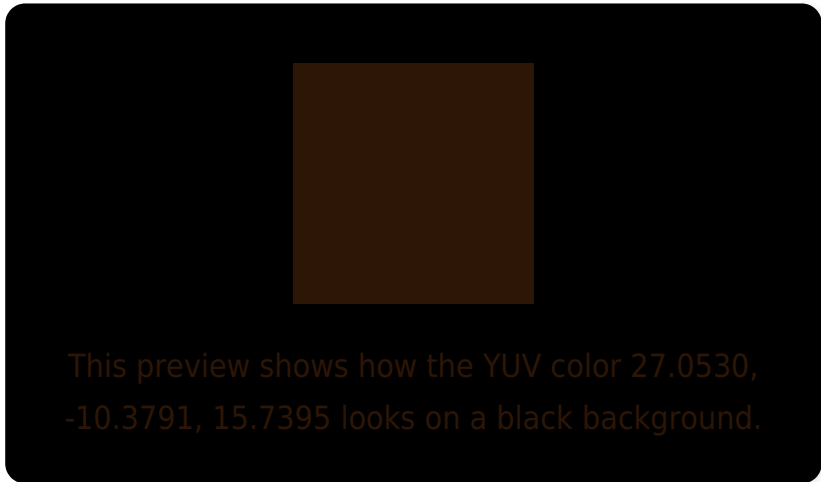
Large Text (above 18pt) WCAG AA ✓ Pass

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

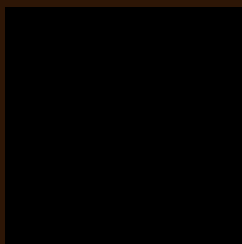
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.0530, -10.3791, 15.7395

Background



This preview shows how black text looks on a background with the YUV color 27.0530, -10.3791, 15.7395.

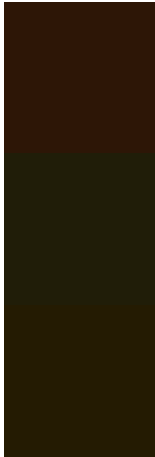


This preview shows how white text looks on a background with the YUV color 27.0530, -10.3791,

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

27.0530, -10.3791, 15.7395

Protanopia

27.5030, -9.6150, 3.9439

Deuteranopia

26.8410, -12.2466, 8.0324



Tritanopia

28.5890, -3.2484, 15.2694

Trichromacy



Original Color

27.0530, -10.3791, 15.7395

Protanomaly

27.1230, -9.9206, 8.6621

Deuteranomaly

26.6780, -11.6733, 10.8064

Tritanomaly

27.9050, -5.8692, 15.8693

Monochromacy



Original Color

27.0530, -10.3791, 15.7395

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.0070, -3.9475, 6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.0530, -10.3791, 15.7395 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(45, 22, 6)` looks like.

```
.text, #text, p{  
    color:rgb(45, 22, 6)  
}
```

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(45, 22, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 22, 6) }
```

Border

The CSS property to change the border of an element to YUV 27.0530, -10.3791, 15.7395 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(45, 22, 6) }
```


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

```
.border{ border-color:rgb(45, 22, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 22, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 22, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(45, 22, 6); box-shadow:4px  
4px 4px 4px rgb(45, 22, 6) }
```

Background

The CSS property to change the background color of an element to YUV 27.0530, -10.3791, 15.7395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 22, 6) }
```

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

```
.background{ background-color: rgb(45, 22,  
6) }
```

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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