

Converting Colors

YUV(27.3520, -7.0755, 29.5093)

Have a look what the booklet for
YUV(27.3520, -7.0755, 29.5093)
contains.

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Color

**YUV(27.3520, -7.0755,
29.5093)**

Conversions

Conversions Part 1

Format	Color
Hex	3D0D0D
RGB	61, 13, 13
RGB Percent	24%, 5%, 5%
CMY	0.7608, 0.9490, 0.9490
CMYK	0.00, 0.79, 0.79, 0.76
HSL	0°, 65%, 15%
HSV	0°, 79%, 24%
XYZ	2.1410, 1.3090, 0.5206
YIQ	27.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

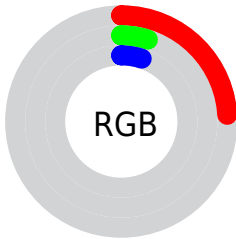
Format	Color
RYB	61, 13, 13
Decimal	4001037
CIELab	11.34, 23.37, 12.10
CIELCh	11, 26.320, 27.376
Yxy	1.3090, 0.5392, 0.3297
Android (android.graphics.Color)	4282191117 (0xFF3D0D0D)
YUV	27.3520, -7.0755, 29.5093
Hunter-Lab	11.4412, 13.3814, 5.3111

Details

The YUV color **27.3520, -7.0755, 29.5093** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **46.6480, 7.0755, -29.5093**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.9180, -8.8336, 33.3979**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.1460, -7.9600, 33.1980**, and if you desaturate by 10%, it is **31.5580, -6.1911, 25.8206**.

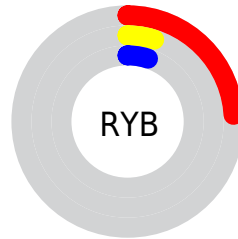
Distribution



Red (24%)

Green (5%)

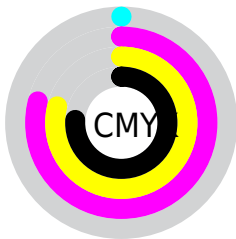
Blue (5%)



Red (24%)

Yellow (5%)

Blue (5%)

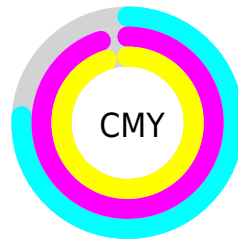


Cyan (0%)

Magenta (79%)

Yellow (79%)

Black (76%)



Cyan (76%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.3520, -7.0755, 29.5093 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 27.3520, -7.0755, 29.5093 by changing the saturation by 10% instead.

■ 27.3520, -7.0755,
29.5093

■ 27.3520, -7.0755,
29.5093

■ 245.2030, -4.5371,
8.5920

■ 11.9600, -5.8963,
24.5911

■ 73.9180, -8.8336,
33.3979

■ 0.0000, 0.0000,
0.0000

■ 98.7010, -9.7126,
35.3422

■ 124.1850,
-10.4442, 36.6718

■ 150.0820,
-10.8864, 38.5161

■ 177.5660,
-11.6180, 39.8456

■ 205.1640,

-11.9129, 41.0752

■ 225.5750, -8.6645,
25.8057

■ 27.3520, -7.0755,
29.5093

■ 27.3520, -7.0755,
29.5093

■ 23.1460, -7.9600,
33.1980

■ 31.5580, -6.1911,
25.8206

■ 18.9400, -8.8444,
36.8866

■ 35.7640, -5.3067,
22.1320

■ 18.2390, -8.9918,
37.5014

■ 39.9700, -4.4222,
18.4433

■ 44.1760, -3.5378,
14.7546

■ 49.0830, -2.5059,
10.4512

■ 53.2890, -1.6215,
6.7625

■ 57.4950, -0.7370,
3.0739

■ 61.7010, 0.1474,
-0.6148

■ 65.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



27.8710, 2.5286, 29.0541



27.3520, -7.0755, 29.5093



28.4730, -14.0372, 22.3872

Triad

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



27.3520, -7.0755, 29.5093



22.2890, -8.5235, -19.5475



26.8950, 19.2788, -23.5869

Complementary

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



27.3520, -7.0755, 29.5093



46.6480, 7.0755, -29.5093

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.



28.5590, 15.5004, -25.0462



27.3520, -7.0755, 29.5093



25.4980, 1.2335, -22.3617

Square

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



27.3520, -7.0755, 29.5093



27.1340, -13.3771, -2.7485



27.5500, 9.0959, -24.1613



30.1040, 15.7247, -3.5992

Rectangle

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



27.3520, -7.0755, 29.5093



29.3040, -14.4469, 13.7654



27.5500, 9.0959, -24.1613



27.3680, 18.5526, -24.0017

Sweetspot

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



27.3520, -7.0755, 29.5093



65.6810, -2.8007, 11.6808



32.8240, 13.8908, 24.7104



32.5880, -1.7689, 7.3773



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



27.3520, -7.0755, 29.5093



27.1260, -10.9081, 45.4935



41.4400, -14.0209, 17.1541



28.8970, -0.4422, 1.8443



28.1060, -13.8563, 57.7890



66.3780, -32.7244, 136.4805

Inverse Universe

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



46.6480, 7.0755, -29.5093



56.8740, 10.9081, -45.4935



32.5600, 14.0209, -17.1541



30.1030, 0.4422, -1.8443



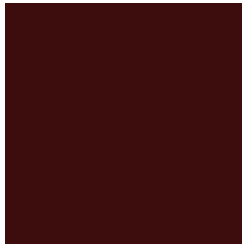
65.8940, 13.8563, -57.7890



155.6220, 32.7244, -136.4805

Previews

White Background



This preview shows how the YUV color 27.3520, -7.0755, 29.5093 looks on a white background.

Color Contrast Check

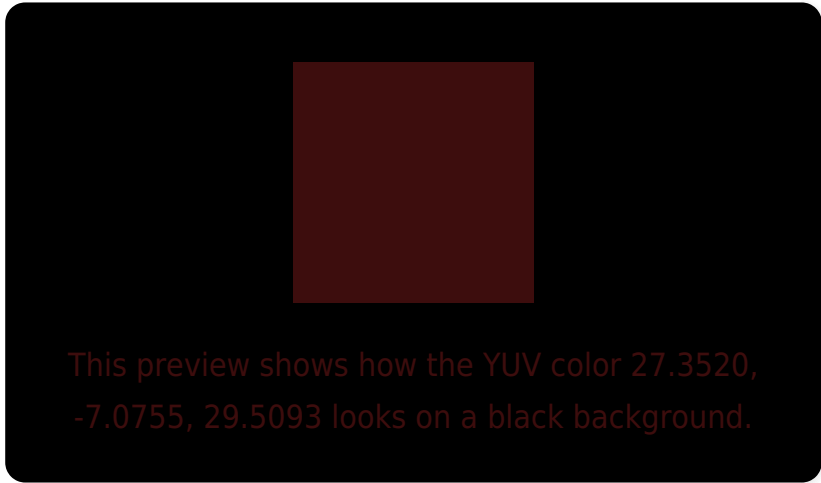
Large Text (above 18pt) WCAG AA ✓ Pass

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

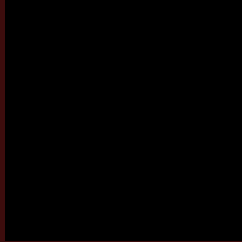
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.3520, -7.0755, 29.5093

Background



This preview shows how black text looks on a background with the YUV color 27.3520, -7.0755, 29.5093.

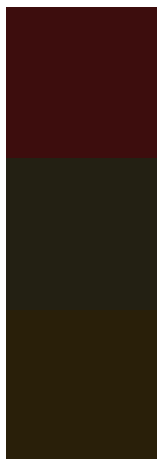


This preview shows how white text looks on a background with the YUV color 27.3520, -7.0755,

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

27.3520, -7.0755, 29.5093

Protanopia

31.4150, -6.1206, 3.1440

Deuteranopia

31.4820, -11.0836, 8.3473



Tritanopia

27.3520, -7.0755, 29.5093

Trichromacy



Original Color

27.3520, -7.0755, 29.5093

Protanomaly

29.7690, -6.2951, 12.4806

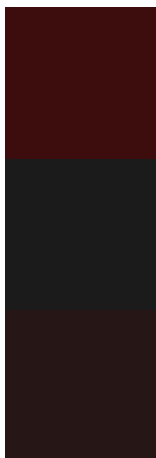
Deuteranomaly

29.5800, -9.6529, 16.1543

Tritanomaly

27.3520, -7.0755, 29.5093

Monochromacy



Original Color

27.3520, -7.0755, 29.5093

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.0830, -2.5059, 10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.3520, -7.0755, 29.5093 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(61, 13, 13)` looks like.

```
.text, #text, p{  
    color:rgb(61, 13, 13)  
}
```

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(61, 13, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 13, 13) }
```

Border

The CSS property to change the border of an element to YUV 27.3520, -7.0755, 29.5093 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(61, 13, 13) }
```


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

```
.border{ border-color:rgb(61, 13, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 13, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 13, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 13, 13);  
box-shadow:4px 4px 4px 4px rgb(61, 13, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.3520, -7.0755, 29.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 13, 13) }
```

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

```
.background{ background-color: rgb(61, 13,  
13) }
```

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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