

Converting Colors

YUV(28.7640, -5.3067, 22.1320)

Have a look what the booklet for
YUV(28.7640, -5.3067, 22.1320)
contains.

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Color

**YUV(28.7640, -5.3067,
22.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	361212
RGB	54, 18, 18
RGB Percent	21%, 7%, 7%
CMY	0.7882, 0.9294, 0.9294
CMYK	0.00, 0.67, 0.67, 0.79
HSL	0°, 50%, 14%
HSV	0°, 67%, 21%
XYZ	1.8468, 1.2606, 0.7182
YIQ	28.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

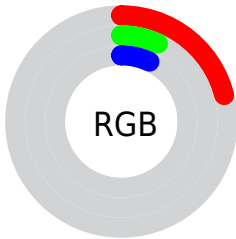
Format	Color
RYB	54, 18, 18
Decimal	3543570
CIELab	11.00, 18.05, 8.69
CIELCh	11, 20.036, 25.694
Yxy	1.2606, 0.4827, 0.3295
Android (android.graphics.Color)	4281733650 (0xFF361212)
YUV	28.7640, -5.3067, 22.1320
Hunter-Lab	11.2274, 9.7135, 4.0663

Details

The YUV color **28.7640, -5.3067, 22.1320** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **43.2360, 5.3067, -22.1320**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.0310, -6.9173, 25.4058**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.2590, -6.0437, 25.2059**, and if you desaturate by 10%, it is **32.2690, -4.5696, 19.0581**.

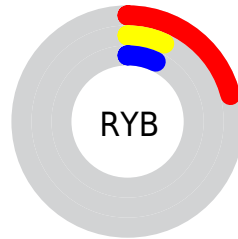
Distribution



Red (21%)

Green (7%)

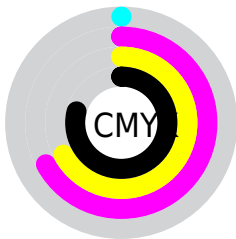
Blue (7%)



Red (21%)

Yellow (7%)

Blue (7%)

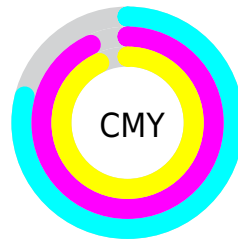


Cyan (0%)

Magenta (67%)

Yellow (67%)

Black (79%)



Cyan (79%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.7640, -5.3067, 22.1320 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 28.7640, -5.3067, 22.1320 by changing the saturation by 10% instead.

■ 28.7640, -5.3067,
22.1320

■ 28.7640, -5.3067,
22.1320

■ 247.6480, -2.7845,
6.4477

■ 10.1660, -5.0118,
20.9024

■ 74.0310, -6.9173,
25.4058

■ 0.0000, 0.0000,
0.0000

■ 97.9280, -7.3595,
27.2501

■ 123.4120, -8.0911,
28.5797

■ 149.4230, -8.0965,
30.3240

■ 176.6080, -8.6807,
31.0388

■ 203.9070, -8.8282,

31.6536

■ 227.9060, -7.3487,
23.7614

■ 28.7640, -5.3067,
22.1320

■ 28.7640, -5.3067,
22.1320

■ 25.2590, -6.0437,
25.2059

■ 32.2690, -4.5696,
19.0581

■ 21.0530, -6.9281,
28.8945

■ 36.4750, -3.6852,
15.3694

■ 17.5480, -7.6652,
31.9684

■ 39.9800, -2.9481,
12.2955

■ 16.1460, -7.9600,
33.1980

■ 44.1860, -2.0637,
8.6069

■ 47.6910, -1.3267,
5.5330

■ 51.1960, -0.5896,
2.4591

■ 55.4020, 0.2948,
-1.2296

■ 58.9070, 1.0318,
-4.3034

■ 63.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



29.4740, 1.2453, 20.6323



28.7640, -5.3067, 22.1320



28.1520, -13.8789, 18.2837

Triad

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



28.7640, -5.3067, 22.1320



24.3050, -6.0664, -14.2995



25.2820, 15.6370, -22.1723

Complementary

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



28.7640, -5.3067, 22.1320



43.2360, 5.3067, -22.1320

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.



26.4730, 12.5848, -23.2168



28.7640, -5.3067, 22.1320



24.2100, 1.3755, -21.2322

Square

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



28.7640, -5.3067, 22.1320



26.8570, -13.2405, 0.1254



25.8060, 7.4906, -22.6319



29.7790, 11.9410, -3.3142

Rectangle

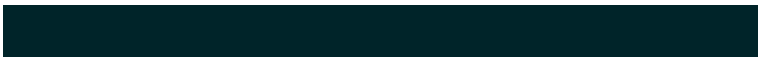
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.7640, -5.3067, 22.1320



28.1190, -13.8627, 13.0506



25.8060, 7.4906, -22.6319



25.7550, 14.9108, -22.5871

Sweetspot

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



28.7640, -5.3067, 22.1320



61.1860, -2.0637, 8.6069



32.8680, 10.4181, 18.5328



29.6910, -1.3267, 5.5330



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



28.7640, -5.3067, 22.1320



31.0430, -8.4022, 35.0423



39.3300, -10.5157, 12.8656



25.8970, -0.4422, 1.8443



27.5080, -13.5614, 56.5595



65.4810, -32.2821, 134.6362

Inverse Universe

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



43.2360, 5.3067, -22.1320



53.9570, 8.4022, -35.0423



32.6700, 10.5157, -12.8656



27.1030, 0.4422, -1.8443



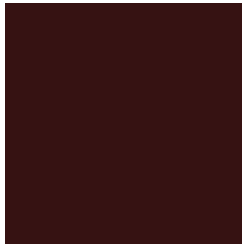
64.4920, 13.5614, -56.5595



153.5190, 32.2821, -134.6362

Previews

White Background



This preview shows how the YUV color 28.7640, -5.3067, 22.1320 looks on a white background.

Color Contrast Check

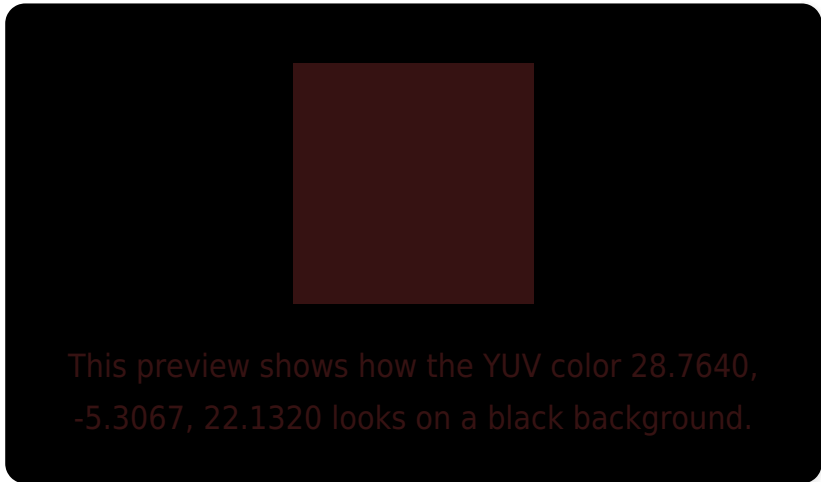
Large Text (above 18pt) WCAG AA ✓ Pass

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

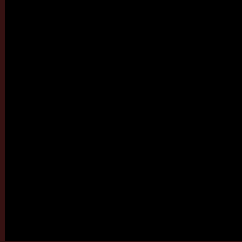
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.7640, -5.3067, 22.1320

Background



This preview shows how black text looks on a background with the YUV color 28.7640, -5.3067, 22.1320.



This preview shows how white text looks on a background with the YUV color 28.7640, -5.3067,

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

28.7640, -5.3067, 22.1320

Protanopia

30.6860, -3.7892, 2.0294

Deuteranopia

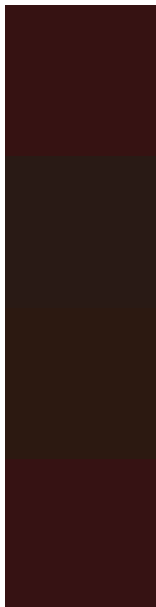
30.2090, -7.0050, 6.8327



Tritanopia

28.8780, -4.8699, 22.0320

Trichromacy



Original Color

28.7640, -5.3067, 22.1320

Protanomaly

29.9150, -4.3951, 9.7215

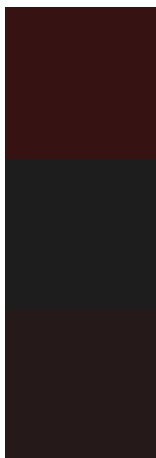
Deuteranomaly

29.7690, -6.2951, 12.4806

Tritanomaly

28.8780, -4.8699, 22.0320

Monochromacy



Original Color

28.7640, -5.3067, 22.1320

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.8870, -1.9163, 7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.7640, -5.3067, 22.1320 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(54, 18, 18)` looks like.

```
.text, #text, p{  
    color:rgb(54, 18, 18)  
}
```

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(54, 18, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 18, 18) }
```

Border

The CSS property to change the border of an element to YUV 28.7640, -5.3067, 22.1320 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(54, 18, 18) }
```


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

```
.border{ border-color:rgb(54, 18, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 18, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 18, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 18, 18);  
box-shadow:4px 4px 4px 4px rgb(54, 18, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.7640, -5.3067, 22.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 18, 18) }
```

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

```
.background{ background-color: rgb(54, 18,  
18) }
```

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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