

Converting Colors

YUV(25.7540, -6.7807, 28.2797)

Have a look what the booklet for
YUV(25.7540, -6.7807, 28.2797)
contains.

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Color

**YUV(25.7540, -6.7807,
28.2797)**

Conversions

Conversions Part 1

Format	Color
Hex	3A0C0C
RGB	58, 12, 12
RGB Percent	23%, 5%, 5%
CMY	0.7725, 0.9529, 0.9529
CMYK	0.00, 0.79, 0.79, 0.77
HSL	0°, 66%, 14%
HSV	0°, 79%, 23%
XYZ	1.9428, 1.1890, 0.4749
YIQ	25.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

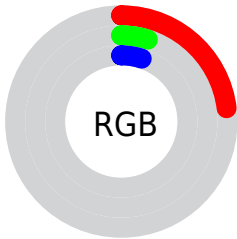
Format	Color
RYB	58, 12, 12
Decimal	3804172
CIELab	10.48, 22.59, 11.27
CIELCh	10, 25.242, 26.515
Yxy	1.1890, 0.5386, 0.3297
Android (android.graphics.Color)	4281994252 (0xFF3A0C0C)
YUV	25.7540, -6.7807, 28.2797
Hunter-Lab	10.9043, 12.7200, 5.0506

Details

The YUV color **25.7540, -6.7807, 28.2797** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **44.2460, 6.7807, -28.2797**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.3200, -8.5388, 32.1684**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.5480, -7.6652, 31.9684**, and if you desaturate by 10%, it is **29.9600, -5.8963, 24.5911**.

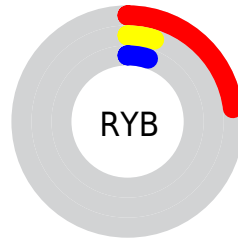
Distribution



Red (23%)

Green (5%)

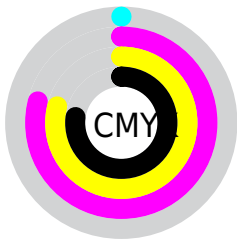
Blue (5%)



Red (23%)

Yellow (5%)

Blue (5%)

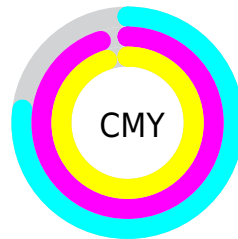


Cyan (0%)

Magenta (79%)

Yellow (79%)

Black (77%)



Cyan (77%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.7540, -6.7807, 28.2797 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 25.7540, -6.7807, 28.2797 by changing the saturation by 10% instead.

■ 25.7540, -6.7807,
28.2797

■ 25.7540, -6.7807,
28.2797

■ 243.9150, -4.3951,
9.7215

■ 11.1770, -5.0173,
22.6468

■ 72.3200, -8.5388,
32.1684

■ 0.0000, 0.0000,
0.0000

■ 96.8040, -9.2704,
33.4979

■ 121.7010, -9.7126,
35.3422

■ 148.1850,
-10.4442, 36.6718

■ 175.0820,
-10.8864, 38.5161

■ 202.6800,

-11.1812, 39.7456

■ 224.2870, -8.5225,
26.9353

■ 25.7540, -6.7807,
28.2797

■ 25.7540, -6.7807,
28.2797

■ 21.5480, -7.6652,
31.9684

■ 29.9600, -5.8963,
24.5911

■ 17.3420, -8.5496,
35.6571

■ 34.1660, -5.0118,
20.9024

■ 37.6710, -4.2748,
17.8285

■ 41.8770, -3.3904,
14.1399

■ 46.0830, -2.5059,
10.4512

■ 50.2890, -1.6215,
6.7625

■ 54.4950, -0.7370,
3.0739

■ 58.0000, 0.0000,
0.0000

■ 62.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



26.4470, 2.2446, 26.7950



25.7540, -6.7807, 28.2797



26.9890, -13.3056, 21.0576

Triad

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



25.7540, -6.7807, 28.2797



20.8870, -8.8183, -18.3179



25.3790, 18.5472, -22.2574

Complementary

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



25.7540, -6.7807, 28.2797



44.2460, 6.7807, -28.2797

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.



27.0430, 14.7688, -23.7167



25.7540, -6.7807, 28.2797



24.0960, 0.9387, -21.1322

Square

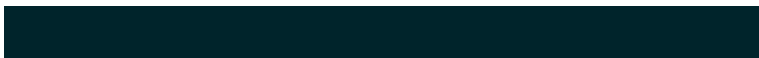
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.7540, -6.7807, 28.2797



25.6610, -12.6509, -2.3337



26.0340, 8.3642, -22.8318



28.2780, 15.1459, -4.6288

Rectangle

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



25.7540, -6.7807, 28.2797



27.5320, -13.5733, 13.5654



26.0340, 8.3642, -22.8318



26.4390, 17.5316, -23.1870

Sweetspot

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



25.7540, -6.7807, 28.2797



63.6810, -2.8007, 11.6808



30.9980, 13.3120, 23.6808



30.2890, -1.6215, 6.7625



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



25.7540, -6.7807, 28.2797



25.8270, -10.7607, 44.8787



39.2550, -13.4367, 16.4394



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.



44.2460, 6.7807, -28.2797



55.1730, 10.7607, -44.8787



30.7450, 13.4367, -16.4394



27.1030, 0.4422, -1.8443



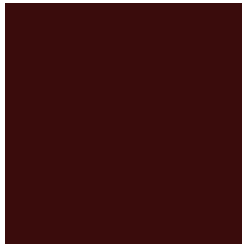
64.4920, 13.5614, -56.5595



153.5190, 32.2821, -134.6362

Previews

White Background



This preview shows how the YUV color 25.7540, -6.7807, 28.2797 looks on a white background.

Color Contrast Check

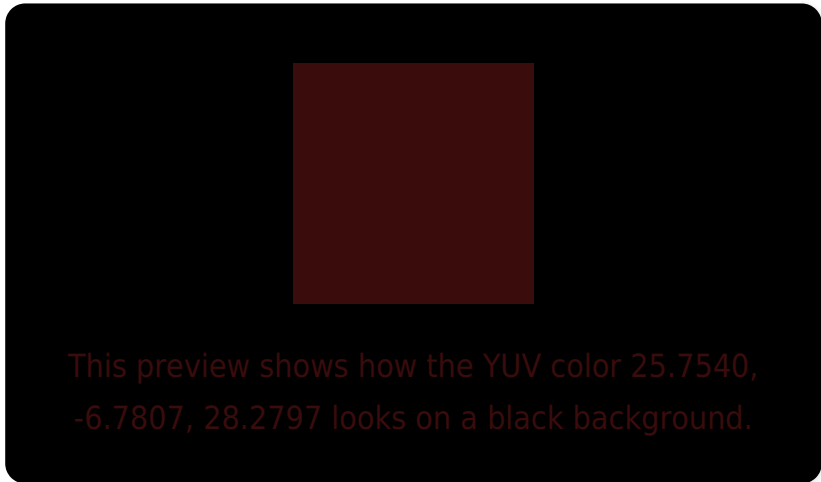
Large Text (above 18pt) WCAG AA ✓ Pass

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

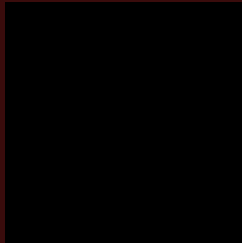
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.7540, -6.7807, 28.2797

Background



This preview shows how black text looks on a background with the YUV color 25.7540, -6.7807, 28.2797.

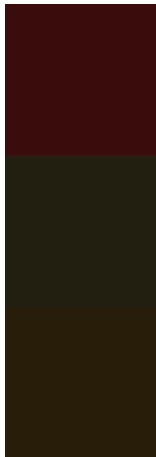


This preview shows how white text looks on a background with the YUV color 25.7540, -6.7807,

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

25.7540, -6.7807, 28.2797

Protanopia

30.3010, -6.5574, 3.2440

Deuteranopia

29.5960, -10.6468, 8.2473



Tritanopia

25.7540, -6.7807, 28.2797

Trichromacy



Original Color

25.7540, -6.7807, 28.2797

Protanomaly

28.6550, -6.7319, 12.5806

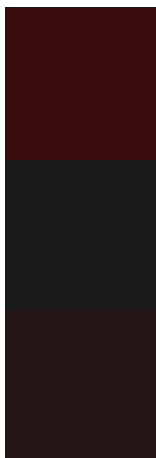
Deuteranomaly

28.2810, -9.5055, 15.5396

Tritanomaly

25.7540, -6.7807, 28.2797

Monochromacy



Original Color

25.7540, -6.7807, 28.2797

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.0830, -2.5059, 10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.7540, -6.7807, 28.2797 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(58, 12, 12)` looks like.

```
.text, #text, p{  
    color:rgb(58, 12, 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(58, 12, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 12, 12) }
```

Border

The CSS property to change the border of an element to YUV 25.7540, -6.7807, 28.2797 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(58, 12, 12) }
```


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

```
.border{ border-color:rgb(58, 12, 12) }
```

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

Here you see how a box with a 4 pixel rgb(58, 12, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 12, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 12, 12);  
box-shadow:4px 4px 4px 4px rgb(58, 12, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.7540, -6.7807, 28.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 12, 12) }
```

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

```
.background{ background-color: rgb(58, 12,  
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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