

Converting Colors

YUV(33.2230, 1.8621, 9.4514)

Have a look what the booklet for
YUV(33.2230, 1.8621, 9.4514)
contains.

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Color

**YUV(33.2230, 1.8621,
9.4514)**

Conversions

Conversions Part 1

Format	Color
Hex	2C1B25
RGB	44, 27, 37
RGB Percent	17%, 11%, 15%
CMY	0.8275, 0.8941, 0.8549
CMYK	0.00, 0.39, 0.16, 0.83
HSL	325°, 24%, 14%
HSV	325°, 39%, 17%
XYZ	1.7646, 1.4529, 1.9377
YIQ	33.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

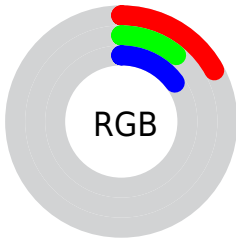
Format	Color
RYB	44, 27, 37
Decimal	2890533
CIELab	12.31, 10.39, -3.41
CIElCh	12, 10.935, 341.809
Yxy	1.4529, 0.3423, 0.2818
Android (android.graphics.Color)	4281080613 (0xFF2C1B25)
YUV	33.2230, 1.8621, 9.4514
Hunter-Lab	12.0537, 5.0371, -1.0937

Details

The YUV color **33.2230, 1.8621, 9.4514** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37.7770, -1.8621, -9.4514**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.9350, 2.0040, 10.5810**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.6470, 2.1460, 11.7106**, and if you desaturate by 10%, it is **35.7990, 1.5781, 7.1923**.

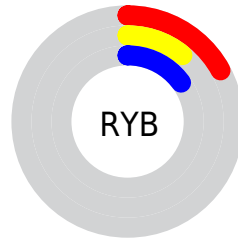
Distribution



Red (17%)

Green (11%)

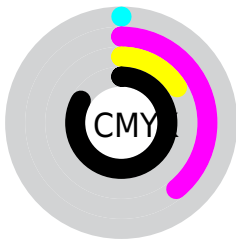
Blue (15%)



Red (17%)

Yellow (11%)

Blue (15%)

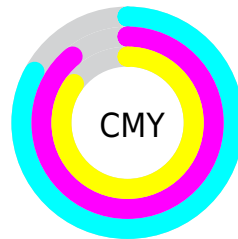


Cyan (0%)

Magenta (39%)

Yellow (16%)

Black (83%)



Cyan (83%)

Magenta (89%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.2230, 1.8621, 9.4514 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 33.2230, 1.8621, 9.4514 by changing the saturation by 10% instead.

■ 33.2230, 1.8621,
9.4514

■ 33.2230, 1.8621,
9.4514

255.0000, 0.0000,
0.0000

■ 9.8860, 3.0142,
13.2550

■ 77.9350, 2.0040,
10.5810

■ 0.0000, 0.0000,
0.0000

■ 101.6470, 2.1460,
11.7106

■ 126.6470, 2.1460,
11.7106

■ 152.9460, 1.9986,
12.3254

■ 179.3590, 2.2880,
12.8402

■ 207.2450, 1.8512,

12.9401

■ 235.6580, 2.1406,
13.4549

■ 33.2230, 1.8621,
9.4514

■ 33.2230, 1.8621,
9.4514

■ 30.6470, 2.1460,
11.7106

■ 35.7990, 1.5781,
7.1923

■ 27.4840, 2.7194,
14.4845

■ 38.9620, 1.0047,
4.4183

■ 25.0220, 3.4402,
16.6437

■ 41.4240, 0.2840,
2.2592

■ 21.8590, 4.0135,
19.4177

■ 44.5870, -0.2894,
-0.5148

■ 19.2830, 4.2975,
21.6768

■ 47.1630, -0.5734,
-2.7740

■ 16.7070, 4.5814,
23.9360

■ 49.7390, -0.8573,
-5.0331

■ 16.1200, 4.8708,
24.4508

■ 52.9020, -1.4307,
-7.8071

■ 55.3640, -2.1515,
-9.9662

■ 58.5270, -2.7248,
-12.7402

Harmonies

Analogous

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



32.9880, 4.9359, 3.5185



33.2230, 1.8621, 9.4514



32.6210, -1.7852, 12.6104

Triad

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



33.2230, 1.8621, 9.4514



31.4750, -7.1362, 2.2144



28.0130, 6.8956, -18.4284

Complementary

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



33.2230, 1.8621, 9.4514



37.7770, -1.8621, -9.4514

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.



27.8130, 3.5432, -16.4990



33.2230, 1.8621, 9.4514



30.7130, -4.7885, -4.1333

Square

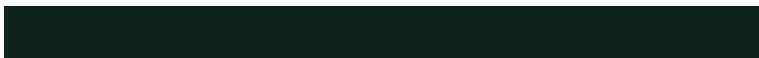
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.2230, 1.8621, 9.4514



31.9210, -6.8631, 7.9623



29.2930, -1.1304, -10.7810



29.6870, 8.0423, -12.8805

Rectangle

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



33.2230, 1.8621, 9.4514



32.7520, -3.8217, 12.4955



29.2930, -1.1304, -10.7810



27.4860, 6.1694, -18.8432

Sweetspot

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



33.2230, 1.8621, 9.4514



51.5490, 0.7153, 3.9035



31.0310, 6.3937, 2.6038



25.4240, 0.2840, 2.2592



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



33.2230, 1.8621, 9.4514



39.4840, 2.7194, 14.4845



32.3110, -1.6323, 10.2513



21.7120, 0.1420, 1.1296



31.8270, 9.4523, 48.3867



78.3500, 23.4915, 118.9651

Inverse Universe

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



33.2230, 1.8621, 9.4514



39.4840, 2.7194, 14.4845



38.6890, 1.6323, -10.2513



21.7120, 0.1420, 1.1296



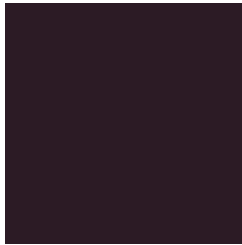
31.8270, 9.4523, 48.3867



78.3500, 23.4915, 118.9651

Previews

White Background



This preview shows how the YUV color 33.2230, 1.8621, 9.4514 looks on a white background.

Color Contrast Check

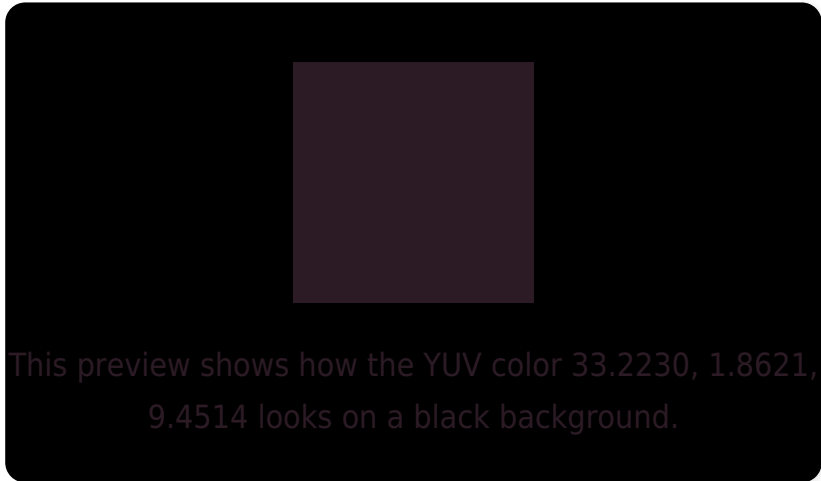
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2230, 1.8621, 9.4514

Background



This preview shows how black text looks on a background with the YUV color 33.2230, 1.8621, 9.4514.



This preview shows how white text looks on a background with the YUV color 33.2230, 1.8621,

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

33.2230, 1.8621, 9.4514

Protanopia

32.3140, 3.7892, -2.0294

Deuteranopia

33.0540, 1.4524, 0.8296



Tritanopia

32.7130, -1.3375, 9.0217

Trichromacy



Original Color

33.2230, 1.8621, 9.4514

Protanomaly

32.5210, 3.1941, 2.1741

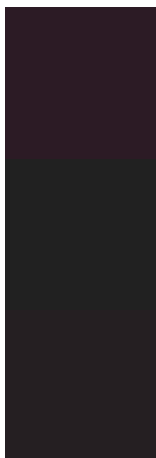
Deuteranomaly

33.0760, 1.4415, 4.3183

Tritanomaly

33.0550, -0.0271, 8.7218

Monochromacy



Original Color

33.2230, 1.8621, 9.4514

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.1360, 0.4260, 3.3887

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.2230, 1.8621, 9.4514 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(44, 27, 37)` looks like.

```
.text, #text, p{  
  color:rgb(44, 27, 37)  
}
```

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(44, 27, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 27, 37) }
```

Border

The CSS property to change the border of an element to YUV 33.2230, 1.8621, 9.4514 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(44, 27, 37) }
```


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

```
.border{ border-color:rgb(44, 27, 37) }
```

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

Here you see how a box with a 4 pixel rgb(44, 27, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 27, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 27, 37);  
box-shadow:4px 4px 4px 4px rgb(44, 27, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.2230, 1.8621, 9.4514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 27, 37) }
```

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

```
.background{ background-color: rgb(44, 27,  
37) }
```

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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