

Converting Colors

YUV(32.1110, 11.7773, 2.5337)

Have a look what the booklet for
YUV(32.1110, 11.7773, 2.5337)
contains.

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Color

**YUV(32.1110, 11.7773,
2.5337)**

Conversions

Conversions Part 1

Format	Color
Hex	231A38
RGB	35, 26, 56
RGB Percent	14%, 10%, 22%
CMY	0.8627, 0.8980, 0.7804
CMYK	0.38, 0.54, 0.00, 0.78
HSL	258°, 37%, 16%
HSV	258°, 54%, 22%
XYZ	1.7763, 1.3816, 3.9144
YIQ	32.1110, -4.2660, 11.2380

Conversions

Conversions Part 2

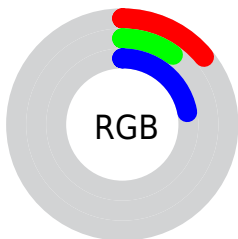
Format	Color
RYB	35, 26, 56
Decimal	2300472
CIELab	11.83, 12.71, -18.02
CIELCh	12, 22.049, 305.201
Yxy	1.3816, 0.2512, 0.1954
Android (android.graphics.Color)	4280490552 (0xFF231A38)
YUV	32.1110, 11.7773, 2.5337
Hunter-Lab	11.7543, 6.4053, -11.5168

Details

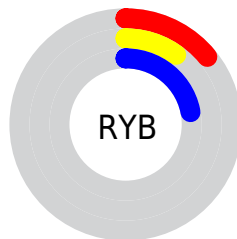
The YUV color **32.1110, 11.7773, 2.5337** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **49.8890, -11.7773, -2.5337**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.4640, 13.0822, 3.9781**, and **1.1400, 4.3680, -0.9998** is the 20% darker color. If you saturate the color by 10%, you get **27.3930, 14.1033, 3.1633**, and if you desaturate by 10%, it is **36.8290, 9.4513, 1.9040**.

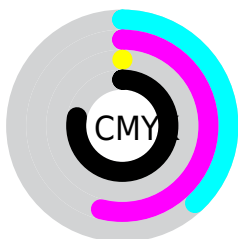
Distribution



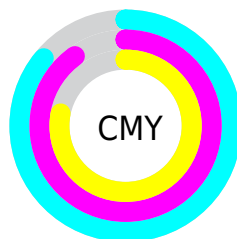
- Red (14%)
- Green (10%)
- Blue (22%)



- Red (14%)
- Yellow (10%)
- Blue (22%)



- Cyan (38%)
- Magenta (54%)
- Yellow (0%)
- Black (78%)



- Cyan (86%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.1110, 11.7773, 2.5337 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 32.1110, 11.7773, 2.5337 by changing the saturation by 10% instead.

■ 32.1110, 11.7773,
2.5337

■ 32.1110, 11.7773,
2.5337

■ 254.4130, 0.2894,
0.5148

■ 8.7740, 12.9294,
6.3372

■ 76.4640, 13.0822,
3.9781

■ 1.1400, 4.3680,
-0.9998

■ 100.5780, 13.5190,
3.8781

■ 0.0000, 0.0000,
0.0000

■ 125.9910, 13.8084,
4.3929

■ 151.5180, 14.5346,
4.8077

■ 178.6320, 14.9714,
4.7077

■ 206.0450, 15.2608,

5.2225

■ 232.9050, 10.8928,
6.2223

■ 32.1110, 11.7773,
2.5337

■ 32.1110, 11.7773,
2.5337

■ 27.3930, 14.1033,
3.1633

■ 36.8290, 9.4513,
1.9040

■ 23.2620, 16.1398,
3.2782

■ 40.9600, 7.4147,
1.7891

■ 18.5440, 18.4658,
3.9079

■ 45.6780, 5.0887,
1.1594

■ 14.4130, 20.5024,
4.0228

■ 49.8090, 3.0522,
1.0445

■ 11.4670, 21.9548,
4.8524

■ 54.5270, 0.7262,
0.4148

■ 59.2450, -1.5998,
-0.2149

■ 63.0770, -3.4890,
-0.9445

■ 67.7950, -5.8149,
-1.5742

■ 71.9260, -7.8515,
-1.6891

Harmonies

Analogous

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



26.0370, 17.2368, -21.9574



32.1110, 11.7773, 2.5337



32.0050, 5.9135, 16.6586

Triad

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



32.1110, 11.7773, 2.5337



30.2120, -14.8945, 17.3541



26.0680, 3.4175, -22.8616

Complementary

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



32.1110, 11.7773, 2.5337



49.8890, -11.7773, -2.5337

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.



23.7710, -2.8451, -20.8472



32.1110, 11.7773, 2.5337



29.5590, -14.5726, 7.4028

Square

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



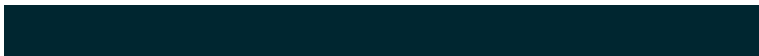
32.1110, 11.7773, 2.5337



30.2650, -8.5116, 23.4466



27.4220, -13.5190, -3.8781



27.7780, 9.9694, -24.3613

Rectangle

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



32.1110, 11.7773, 2.5337



30.8980, 1.5293, 22.8915



27.4220, -13.5190, -3.8781



25.4980, 1.2335, -22.3617

Sweetspot

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



32.1110, 11.7773, 2.5337



64.5640, 4.6519, 1.2594



41.7470, 7.0267, -13.8101



32.3960, 2.7628, 0.5297



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.



32.1110, 11.7773, 2.5337



36.5440, 18.4658, 3.9079



36.5960, 9.5662, 11.7553



25.6410, 1.1630, 0.3148



18.8600, 36.0580, 8.0158



44.7000, 85.9299, 18.6801

Inverse Universe

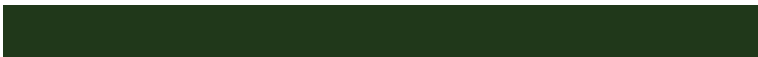
The Inverse Universe completely reimagines the original color for something new.



37.3640, 4.7505, 16.3438



44.8150, 7.4862, 25.5952



45.4040, -9.5662, -11.7553



26.1250, 0.4314, 1.6444



34.8040, 14.3936, 50.1609



83.0370, 34.9848, 119.2396

Previews

White Background



This preview shows how the YUV color 32.1110, 11.7773, 2.5337 looks on a white background.

Color Contrast Check

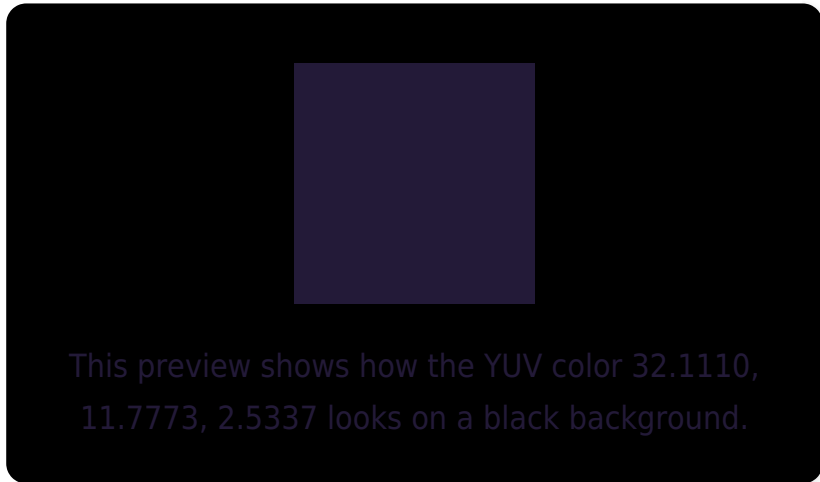
Large Text (above 18pt) WCAG AA ✓ Pass

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

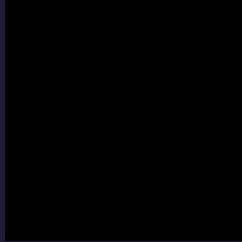
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.1110, 11.7773, 2.5337

Background



This preview shows how black text looks on a background with the YUV color 32.1110, 11.7773, 2.5337.



This preview shows how white text looks on a background with the YUV color 32.1110, 11.7773,

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

32.1110, 11.7773, 2.5337

Protanopia

28.7500, 15.8993, -12.9358

Deuteranopia

28.9410, 12.8471, -13.9803



Tritanopia

31.6300, 1.1684, -1.4295

Trichromacy



Original Color

32.1110, 11.7773, 2.5337

Protanomaly

30.3270, 14.1358, -7.3028

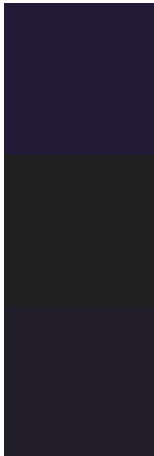
Deuteranomaly

30.1590, 12.2466, -8.0324

Tritanomaly

31.9660, 4.9468, 0.0298

Monochromacy



Original Color

32.1110, 11.7773, 2.5337

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.1510, 4.3626, 0.7446

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.1110, 11.7773, 2.5337 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(35, 26, 56)` looks like.

```
.text, #text, p{  
    color:rgb(35, 26, 56)  
}
```

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(35, 26, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 26, 56) }
```

Border

The CSS property to change the border of an element to YUV 32.1110, 11.7773, 2.5337 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(35, 26, 56) }
```


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

```
.border{ border-color:rgb(35, 26, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 26, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 26, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 26, 56);  
box-shadow:4px 4px 4px 4px rgb(35, 26, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.1110, 11.7773, 2.5337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 26, 56) }
```

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

```
.background{ background-color: rgb(35, 26,  
56) }
```

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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