

Converting Colors

YUV(21.5750, 11.5485, 29.3137)

Have a look what the booklet for
YUV(21.5750, 11.5485, 29.3137)
contains.

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Color

**YUV(21.5750, 11.5485,
29.3137)**

Conversions

Conversions Part 1

Format	Color
Hex	37002D
RGB	55, 0, 45
RGB Percent	22%, 0%, 18%
CMY	0.7843, 1.0000, 0.8235
CMYK	0.00, 1.00, 0.18, 0.78
HSL	311°, 100%, 11%
HSV	311°, 100%, 22%
XYZ	2.0492, 1.0017, 2.5680
YIQ	21.5750, 18.3350, 25.6550

Conversions

Conversions Part 2

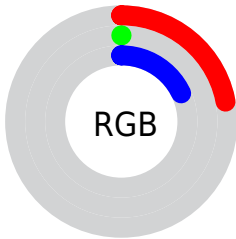
Format	Color
RYB	55, 0, 45
Decimal	3604525
CIELab	9.01, 31.38, -14.24
CIELCh	9, 34.460, 335.588
Yxy	1.0017, 0.3647, 0.1783
Android (android.graphics.Color)	4281794605 (0xFF37002D)
YUV	21.5750, 11.5485, 29.3137
Hunter-Lab	10.0084, 19.0327, -8.2067

Details

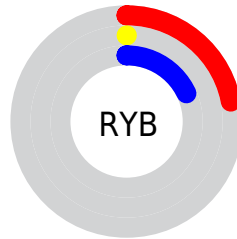
The YUV color **21.5750, 11.5485, 29.3137** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **33.4250, -11.5485, -29.3137**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **69.6460, 10.5275, 30.1285**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.5750, 11.5485, 29.3137**, and if you desaturate by 10%, it is **24.6240, 10.5384, 26.6398**.

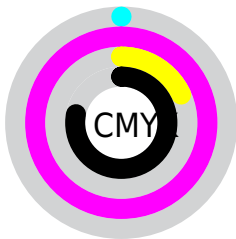
Distribution



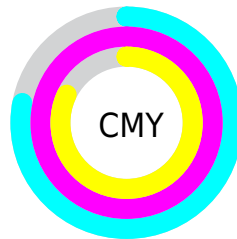
- Red (22%)
- Green (0%)
- Blue (18%)



- Red (22%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (78%)





- Cyan (78%)
- Magenta (100%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the YUV color 21.5750, 11.5485, 29.3137 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 21.5750, 11.5485, 29.3137 by changing the saturation by 10% instead.

 21.5750, 11.5485,
29.3137


 21.5750, 11.5485,
29.3137


 241.4990, 6.6560,
11.8404


 13.3150, 5.7607,
19.0177


 69.6460, 10.5275,
30.1285

 0.0000, 0.0000,
0.0000

 94.3580, 10.6695,
31.2580

 119.9560, 10.3747,
32.4876

 146.0810, 10.8061,
34.1320

 172.7930, 10.9481,
35.2615

 200.5050, 11.0900,

36.3911

■ 224.0200, 13.3011,
27.1695

■ 21.5750, 11.5485,
29.3137

■ 24.6240, 10.5384,
26.6398

■ 28.2600, 9.2388,
23.4510

■ 31.8960, 7.9393,
20.2622

■ 34.9450, 6.9291,
17.5882

■ 38.5810, 5.6296,
14.3995

■ 41.6300, 4.6194,
11.7255

■ 45.2660, 3.3199,
8.5367

■ 48.3150, 2.3097,
5.8627

■ 51.9510, 1.0102,
2.6740

Harmonies

Analogous

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



25.6470, 18.9080, 2.0636



21.5750, 11.5485, 29.3137



21.6440, 0.1755, 37.1462

Triad

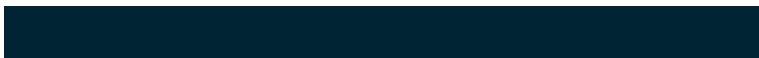
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.5750, 11.5485, 29.3137



24.2320, -11.9464, 5.0585



27.0600, 12.2954, -23.7316

Complementary

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



21.5750, 11.5485, 29.3137



33.4250, -11.5485, -29.3137

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.



25.0250, 1.9597, -21.9469



21.5750, 11.5485, 29.3137



18.7840, -9.2605, -16.4736

Square

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



21.5750, 11.5485, 29.3137



24.3310, -11.9952, 20.7577



20.5450, -10.1287, -18.0180



27.1230, 20.1524, -23.7869

Rectangle

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



21.5750, 11.5485, 29.3137



18.8370, -9.2866, 38.7310



20.5450, -10.1287, -18.0180



26.2620, 9.2378, -23.0318

Sweetspot

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



21.5750, 11.5485, 29.3137



58.3310, 4.7668, 11.1107



8.9610, 22.6972, 0.0342



28.0270, 2.4517, 6.9923



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.



21.5750, 11.5485, 29.3137



27.8410, 14.8684, 37.8504



18.4970, -0.2450, 32.0131



26.2390, 0.8682, 1.5444



36.0580, 19.1984, 49.0611



85.8870, 45.9047, 116.7401

Inverse Universe

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



21.5750, 11.5485, 29.3137



27.8410, 14.8684, 37.8504



36.5030, 0.2450, -32.0131



26.2390, 0.8682, 1.5444



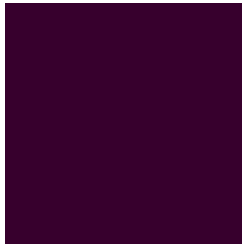
36.0580, 19.1984, 49.0611



85.8870, 45.9047, 116.7401

Previews

White Background



This preview shows how the YUV color 21.5750, 11.5485, 29.3137 looks on a white background.

Color Contrast Check

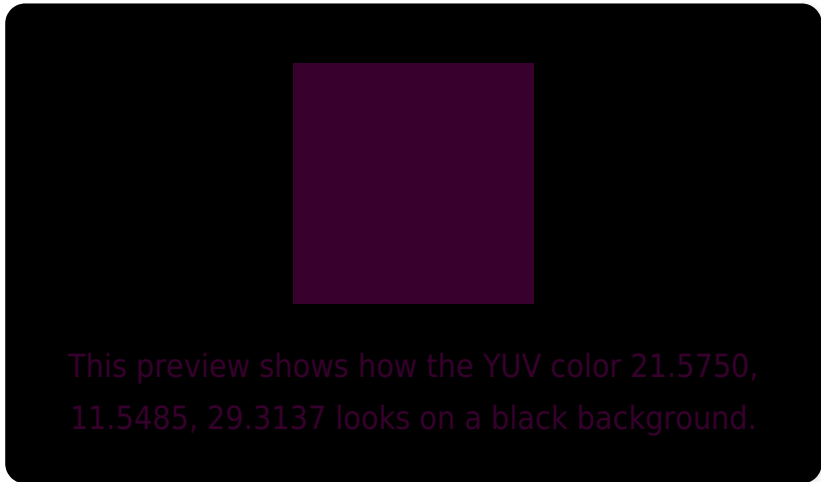
Large Text (above 18pt) WCAG AA ✓ Pass

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

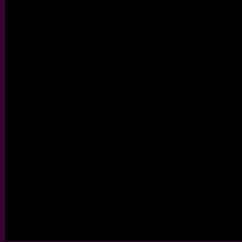
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.5750, 11.5485, 29.3137

Background



This preview shows how black text looks on a background with the YUV color 21.5750, 11.5485, 29.3137.



This preview shows how white text looks on a background with the YUV color 21.5750, 11.5485,

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



Protanopia

24.0910, 18.6891, -21.1278

Deuteranopia

30.1720, 5.8312, -3.6588

Tritanopia

28.5790, -4.7224, 21.4172

Trichromacy



Protanomaly

22.9300, 16.3035, -2.5696

Deuteranomaly

27.1180, 7.8298, 8.6665

Tritanomaly

25.7950, 1.0871, 24.7358

Monochromacy



Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.8040, 4.0406, 10.6959

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.5750, 11.5485, 29.3137 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(55, 0, 45)` looks like.

```
.text, #text, p{  
    color:rgb(55, 0, 45)  
}
```

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(55, 0, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 0, 45) }
```

Border

The CSS property to change the border of an element to YUV 21.5750, 11.5485, 29.3137 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(55, 0, 45) }
```

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

```
.border{ border-color:rgb(55, 0, 45) }
```

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

Here you see how a box with a 4 pixel rgb(55, 0, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 0, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 0, 45); box-shadow:4px  
4px 4px 4px rgb(55, 0, 45) }
```


Background

The CSS property to change the background color of an element to YUV 21.5750, 11.5485, 29.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 0, 45) }
```

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

```
.background{ background-color: rgb(55, 0,  
45) }
```

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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