

Converting Colors

YUV(36.6710, -7.7258, 4.6735)

Have a look what the booklet for
YUV(36.6710, -7.7258, 4.6735)
contains.

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Color

**YUV(36.6710, -7.7258,
4.6735)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 2A2515 |
| RGB | 42, 37, 21 |
| RGB Percent | 16%, 15%, 8% |
| CMY | 0.8353, 0.8549, 0.9176 |
| CMYK | 0.00, 0.12, 0.50, 0.84 |
| HSL | 46°, 33%, 12% |
| HSV | 46°, 50%, 16% |
| XYZ | 1.7518, 1.8695, 0.9780 |
| YIQ | 36.6710, 8.1160, -3.9160 |

Conversions

Conversions Part 2

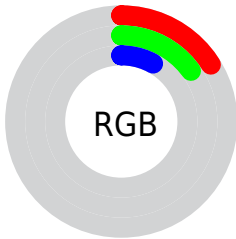
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 28, 42, 21 |
| Decimal | 2762005 |
| CIE _{Lab} | 14.79, -0.63, 11.51 |
| CIE _{LCh} | 15, 11.524, 93.129 |
| Yxy | 1.8695, 0.3809, 0.4065 |
| Android (android.graphics.Color) | 4280952085 (0xFF2A2515) |
| YUV | 36.6710, -7.7258, 4.6735 |
| Hunter-Lab | 13.6730, -1.0586, 5.3303 |

Details

The YUV color **36.6710, -7.7258, 4.6735** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26.3290, 7.7258, -4.6735**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.1550, -8.4574, 6.0031**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.6280, -9.1836, 5.5882**, and if you desaturate by 10%, it is **37.7140, -6.2680, 3.7588**.

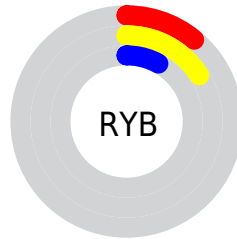
Distribution



Red (16%)

Green (15%)

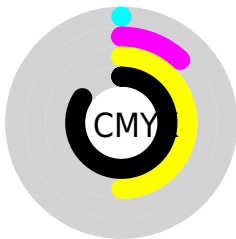
Blue (8%)



Red (11%)

Yellow (16%)

Blue (8%)

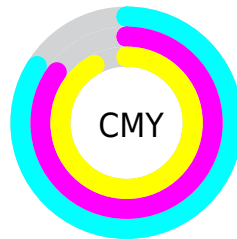


Cyan (0%)

Magenta (12%)

Yellow (50%)

Black (84%)



Cyan (84%)

Magenta (85%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.6710, -7.7258, 4.6735 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 36.6710, -7.7258, 4.6735 by changing the saturation by 10% instead.

■ 36.6710, -7.7258,
4.6735

■ 36.6710, -7.7258,
4.6735

■ 253.9740, -3.9312,
0.8998

■ 15.6710, -7.7258,
4.6735

■ 81.1550, -8.4574,
6.0031

■ 0.0000, 0.0000,
0.0000

■ 105.9270, -9.3310,
6.2030

■ 130.8130, -9.7678,
6.3030


■ 157.1120, -9.9152,
6.9178


■ 183.9980,
-10.3520, 7.0178


■ 211.2970,


-10.4994, 7.6325


 239.8840,
-10.7888, 7.1177


 36.6710, -7.7258,
4.6735


 36.6710, -7.7258,
4.6735


 35.6280, -9.1836,
5.5882


 37.7140, -6.2680,
3.7588


 34.5850, -10.6414,
6.5030


 38.7570, -4.8102,
2.8441


 33.4280, -12.5360,
7.5176

 39.9140, -2.9156,
1.8294

 32.3850, -13.9938,
8.4324

 40.9570, -1.4578,
0.9147

 31.3420, -15.4516,
9.3471

 42.0000, 0.0000,
0.0000

■ 43.0430, 1.4578,
-0.9147

■ 44.0860, 2.9156,
-1.8294

■ 45.2430, 4.8102,
-2.8441

■ 46.2860, 6.2680,
-3.7588

Harmonies

Analogous

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



37.2310, -7.0159, 10.3214



36.6710, -7.7258, 4.6735



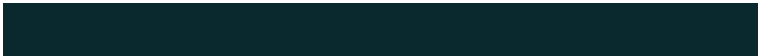
35.3820, -6.1043, -2.0890

Triad

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



36.6710, -7.7258, 4.6735



32.3010, 6.7536, -19.5580



38.2660, 3.3199, 8.5367

Complementary

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



36.6710, -7.7258, 4.6735



26.3290, 7.7258, -4.6735

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.



38.0200, 6.3991, 0.8595



36.6710, -7.7258, 4.6735



34.0780, 8.3425, -15.8544

Square

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



36.6710, -7.7258, 4.6735



33.4710, 2.2328, -16.1991



36.7200, 8.0260, -7.6474



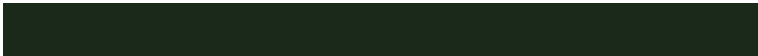
38.2620, -0.6222, 12.9252

Rectangle

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



36.6710, -7.7258, 4.6735



35.2180, -4.0515, -7.2072



36.7200, 8.0260, -7.6474



38.4830, 4.1989, 6.5924

Sweetspot

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



36.6710, -7.7258, 4.6735



51.9140, -2.9156, 1.8294



27.8490, -0.9116, 12.4104



26.8430, -1.8946, 1.0147



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.



36.6710, -7.7258, 4.6735



45.5420, -12.0992, 7.4177



38.1110, -8.4357, -0.9743



19.7720, -0.8736, 0.2000



62.6840, -30.9032, 18.6941



157.8950, -77.8422, 47.4501

Inverse Universe

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



26.3290, 7.7258, -4.6735



29.4580, 12.0992, -7.4177



24.8890, 8.4357, 0.9743



18.8150, 0.5842, -0.7148



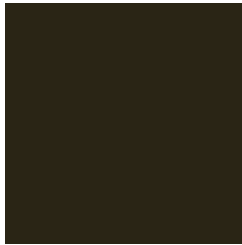
21.3160, 30.9032, -18.6941



53.5180, 78.1316, -46.9353

Previews

White Background



This preview shows how the YUV color 36.6710, -7.7258, 4.6735 looks on a white background.

Color Contrast Check

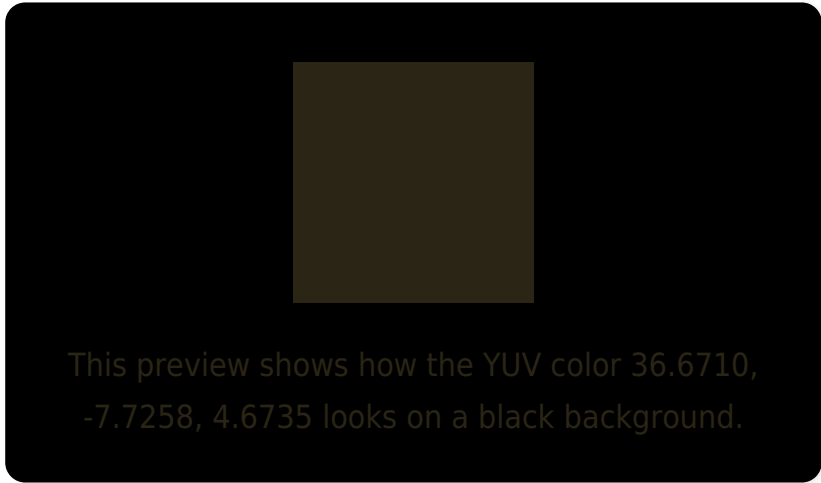
Large Text (above 18pt) WCAG AA ✓ Pass

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

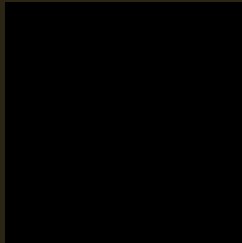
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.6710, -7.7258, 4.6735

Background



This preview shows how black text looks on a background with the YUV color 36.6710, -7.7258, 4.6735.



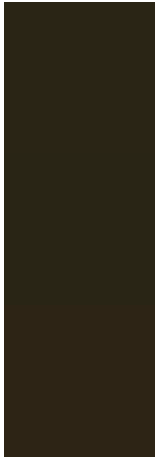
This preview shows how white text looks on a background with the YUV color 36.6710, -7.7258,

4.6735.

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

36.6710, -7.7258, 4.6735

Protanopia

36.3720, -7.5784, 4.0588

Deuteranopia

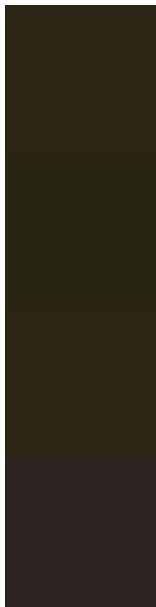
36.9810, -7.8786, 7.0327



Tritanopia

38.0330, -0.0163, 5.2331

Trichromacy



Original Color

36.6710, -7.7258, 4.6735

Protanomaly

36.3720, -7.5784, 4.0588

Deuteranomaly

36.6820, -7.7312, 6.4179

Tritanomaly

37.6370, -2.7790, 4.7034

Monochromacy



Original Color

36.6710, -7.7258, 4.6735

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9140, -2.9156, 1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.6710, -7.7258, 4.6735 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(42, 37, 21)` looks like.

```
.text, #text, p{  
    color:rgb(42, 37, 21)  
}
```

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(42, 37, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 37, 21) }
```

Border

The CSS property to change the border of an element to YUV 36.6710, -7.7258, 4.6735 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(42, 37, 21) }
```


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

```
.border{ border-color:rgb(42, 37, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 37, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 37, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 37, 21);  
box-shadow:4px 4px 4px 4px rgb(42, 37, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.6710, -7.7258, 4.6735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 37, 21) }
```

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

```
.background{ background-color: rgb(42, 37,  
21) }
```

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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