

Converting Colors

YUV(37.2210, -5.0390, 29.6242)

Have a look what the booklet for
YUV(37.2210, -5.0390, 29.6242)
contains.

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Color

**YUV(37.2210, -5.0390,
29.6242)**

Conversions

Conversions Part 1

Format	Color
Hex	47161B
RGB	71, 22, 27
RGB Percent	28%, 9%, 11%
CMY	0.7216, 0.9137, 0.8941
CMYK	0.00, 0.69, 0.62, 0.72
HSL	354°, 53%, 18%
HSV	354°, 69%, 28%
XYZ	3.0833, 1.9925, 1.2590
YIQ	37.2210, 27.5990, 11.9430

Conversions

Conversions Part 2

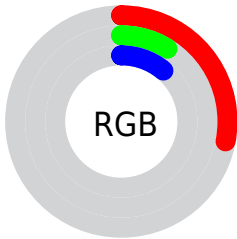
Format	Color
R_{YB}	71, 22, 27
Decimal	4658715
CIE Lab	15.45, 23.91, 9.00
CIE LCh	15, 25.547, 20.615
Yxy	1.9925, 0.4867, 0.3145
Android (android.graphics.Color)	4282848795 (0xFF47161B)
YUV	37.2210, -5.0390, 29.6242
Hunter-Lab	14.1157, 14.2868, 4.5929




Details

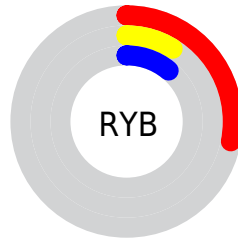
The YUV color **37.2210, -5.0390, 29.6242** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **55.7790, 5.0390, -29.6242**, and the grayscale version is **37.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **84.6730, -7.2338, 33.6128**, and **3.2890, -1.6215, 6.7625** is the 20% darker color. If you saturate the color by 10%, you get **32.4280, -5.6340, 33.8276**, and if you desaturate by 10%, it is **42.0140, -4.4439, 25.4207**.

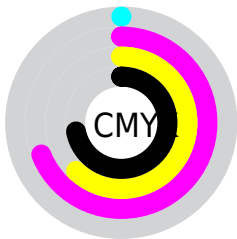
Distribution







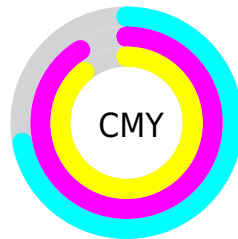
-  Red (28%)
-  Green (9%)
-  Blue (11%)






-  Red (28%)
-  Yellow (9%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (69%)
-  Yellow (62%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (91%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.2210, -5.0390, 29.6242 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 37.2210, -5.0390, 29.6242 by changing the saturation by 10% instead.

■ 37.2210, -5.0390,
29.6242

■ 37.2210, -5.0390,
29.6242

■ 254.2990, -0.1474,
0.6148

■ 14.3520, -7.0755,
29.5093

■ 84.6730, -7.2338,
33.6128

■ 3.2890, -1.6215,
6.7625

■ 109.5700, -7.6760,
35.4571

■ 0.0000, 0.0000,
0.0000

■ 135.0540, -8.4076,
36.7866

■ 161.6520, -8.7024,
38.0162

■ 188.5490, -9.1447,
39.8605

■ 214.4560, -8.1128,

35.5571

234.0840, -3.9854,
18.3433

37.2210, -5.0390,
29.6242

37.2210, -5.0390,
29.6242

32.4280, -5.6340,
33.8276

42.0140, -4.4439,
25.4207

27.5210, -6.6659,
38.1311

46.9210, -3.4121,
21.1173

22.7280, -7.2609,
42.3345

51.7140, -2.8170,
16.9138

22.0270, -7.4083,
42.9493

56.6210, -1.7852,
12.6104

62.0010, -1.4795,
7.8921

■ 66.7940, -0.8844,
3.6887

■ 71.7010, 0.1474,
-0.6148

■ 76.4940, 0.7425,
-4.8182

■ 81.2870, 1.3375,
-9.0217

Harmonies

Analogous

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



38.3760, 3.2656, 25.9802



37.2210, -5.0390, 29.6242



36.7830, -14.1900, 24.7463

Triad

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



37.2210, -5.0390, 29.6242



31.8980, -8.8237, -16.5735



33.0900, 20.1686, -29.0199

Complementary

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



37.2210, -5.0390, 29.6242



55.7790, 5.0390, -29.6242

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.



34.5260, 15.5167, -30.2793



37.2210, -5.0390, 29.6242



31.2370, 0.3762, -27.3948

Square

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



37.2210, -5.0390, 29.6242



35.1300, -17.3191, 1.6400



33.4030, 8.6753, -29.2944



37.8260, 17.3408, -8.6174

Rectangle

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



37.2210, -5.0390, 29.6242



36.7130, -18.0995, 18.6687



33.4030, 8.6753, -29.2944



34.1500, 19.1531, -29.9495

Sweetspot

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



37.2210, -5.0390, 29.6242



78.7950, -2.3639, 11.5808



40.4430, 15.0646, 21.5365



37.8160, -0.8953, 7.1774



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



37.2210, -5.0390, 29.6242



39.5220, -8.1453, 46.0232



47.8040, -12.7214, 20.3429



33.1960, -0.5896, 2.4591



30.7410, -10.2253, 59.8631



70.4950, -23.4150, 137.2549

Inverse Universe

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



37.2210, -5.0390, 29.6242



39.5220, -8.1453, 46.0232



45.1960, 12.7214, -20.3429



33.1960, -0.5896, 2.4591



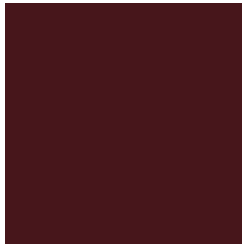
30.7410, -10.2253, 59.8631



70.4950, -23.4150, 137.2549

Previews

White Background



This preview shows how the YUV color 37.2210, -5.0390, 29.6242 looks on a white background.

Color Contrast Check

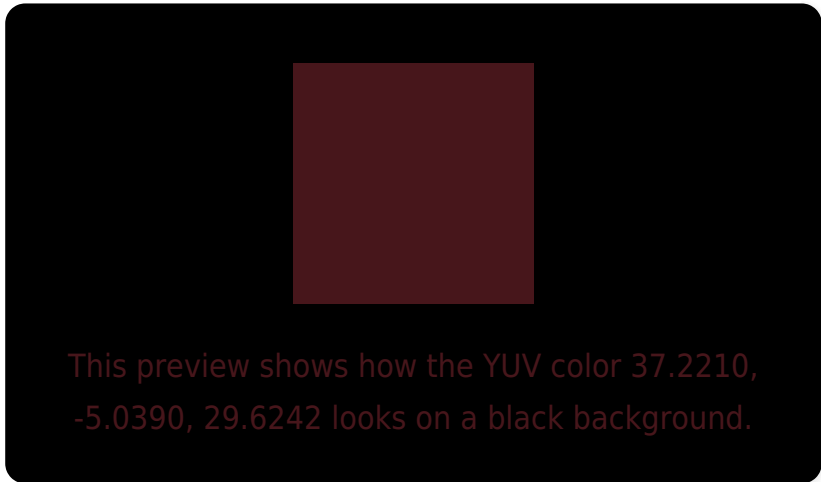
Large Text (above 18pt) WCAG AA ✓ Pass

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

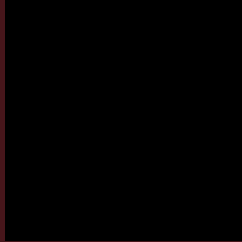
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.2210, -5.0390, 29.6242

Background



This preview shows how black text looks on a background with the YUV color 37.2210, -5.0390, 29.6242.



This preview shows how white text looks on a background with the YUV color 37.2210, -5.0390,

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

37.2210, -5.0390, 29.6242

Protanopia

40.0280, -2.4788, 1.7294

Deuteranopia

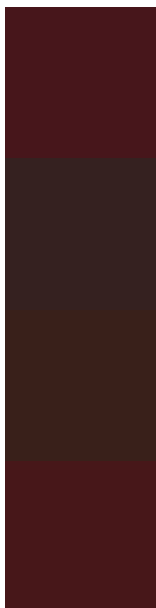
39.8070, -7.2999, 8.0623



Tritanopia

37.4660, -6.6387, 29.4093

Trichromacy



Original Color

37.2210, -5.0390, 29.6242

Protanomaly

38.8660, -3.3849, 12.3955

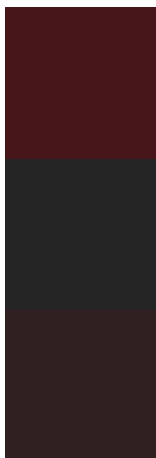
Deuteranomaly

38.7910, -6.3060, 15.9693

Tritanomaly

37.5800, -6.2019, 29.3093

Monochromacy



Original Color

37.2210, -5.0390, 29.6242

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.1970, -2.0691, 10.3512

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.2210, -5.0390, 29.6242 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(71, 22, 27)` looks like.

```
.text, #text, p{  
    color:rgb(71, 22, 27)  
}
```

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(71, 22, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 22, 27) }
```

Border

The CSS property to change the border of an element to YUV 37.2210, -5.0390, 29.6242 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(71, 22, 27) }
```


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

```
.border{ border-color:rgb(71, 22, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 22, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 22, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 22, 27);  
box-shadow:4px 4px 4px 4px rgb(71, 22, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.2210, -5.0390, 29.6242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 22, 27) }
```

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

```
.background{ background-color: rgb(71, 22,  
27) }
```

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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