

Converting Colors

YUV(36.2110, 0.3890, 62.0820)

Have a look what the booklet for
YUV(36.2110, 0.3890, 62.0820)
contains.

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Color

**YUV(36.2110, 0.3890,
62.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0025
RGB	107, 0, 37
RGB Percent	42%, 0%, 15%
CMY	0.5804, 1.0000, 0.8549
CMYK	0.00, 1.00, 0.65, 0.58
HSL	339°, 100%, 21%
HSV	339°, 100%, 42%
XYZ	6.3973, 3.2594, 2.0422
YIQ	36.2110, 51.8950, 34.1910

Conversions

Conversions Part 2

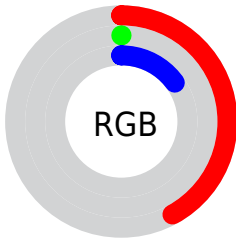
Format	Color
R_{YB}	107, 0, 37
Decimal	7012389
CIE Lab	21.05, 43.67, 10.75
CIE LCh	21, 44.974, 13.826
Yxy	3.2594, 0.5468, 0.2786
Android (android.graphics.Color)	4285202469 (0xFF6B0025)
YUV	36.2110, 0.3890, 62.0820
Hunter-Lab	18.0537, 31.6574, 5.9308

Details

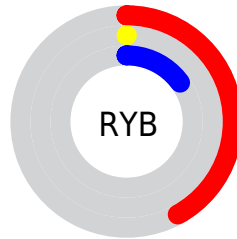
The YUV color **36.2110, 0.3890, 62.0820** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **70.7890, -0.3890, -62.0820**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6640, -6.7364, 60.8077**, and **16.5590, -7.6706, 33.7128** is the 20% darker color. If you saturate the color by 10%, you get **36.2110, 0.3890, 62.0820**, and if you desaturate by 10%, it is **43.4660, 0.2633, 55.7193**.

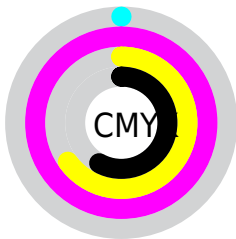
Distribution



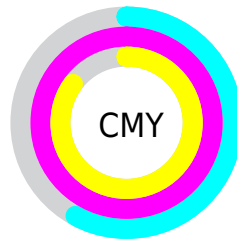
- Red (42%)
- Green (0%)
- Blue (15%)



- Red (42%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.2110, 0.3890, 62.0820 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 36.2110, 0.3890, 62.0820 by changing the saturation by 10% instead.

■ 36.2110, 0.3890,
62.0820

■ 36.2110, 0.3890,
62.0820

■ 254.4130, 0.2894,
0.5148

■ 25.4450, -4.6564,
46.9677

■ 94.6640, -6.7364,
60.8077

■ 16.5590, -7.6706,
33.7128

■ 121.3330, -8.0522,
62.8520

■ 3.8870, -1.9163,
7.9921

■ 148.1160, -8.9312,
64.7963

■ 0.0000, 0.0000,
0.0000


■ 176.1980, -9.9576,
67.3554


■ 195.7230, -6.2724,
51.9859


■ 215.3510, -2.1450,

34.7722

 235.5660, 1.6930,
17.0436

 36.2110, 0.3890,
62.0820

 43.4660, 0.2633,
55.7193

 50.1340, 0.4269,
49.8715

 57.3890, 0.3012,
43.5088

 64.6440, 0.1755,
37.1462

 71.8990, 0.0498,
30.7836

■ 78.5670, 0.2135,
24.9357

■ 85.8220, 0.0878,
18.5731

■ 93.0770, -0.0380,
12.2105

■ 99.7450, 0.1257,
6.3626

Harmonies

Analogous

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



41.6900, 13.9568, 50.2609



36.2110, 0.3890, 62.0820



43.5040, -20.9545, 47.7930

Triad

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



36.2110, 0.3890, 62.0820



36.1170, -17.8057, -29.0436



48.3300, 32.8683, -42.3854

Complementary

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



36.2110, 0.3890, 62.0820



70.7890, -0.3890, -62.0820

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.



48.5120, 23.4116, -42.5450



36.2110, 0.3890, 62.0820



40.5150, -4.6909, -35.5317

Square

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



36.2110, 0.3890, 62.0820



46.6480, -22.9975, 2.9397



45.0920, 10.3076, -39.5457



42.5740, 36.1990, -37.3374

Rectangle

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



36.2110, 0.3890, 62.0820



47.4330, -23.3845, 33.8233



45.0920, 10.3076, -39.5457



48.4610, 30.8317, -42.5003

Sweetspot

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



36.2110, 0.3890, 62.0820



112.2680, 0.3609, 24.3210



33.1280, 36.4189, 32.3367



54.5010, 0.2460, 14.4696



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



36.2110, 0.3890, 62.0820



47.3320, 0.3293, 81.2698



41.3850, -20.4028, 57.5444



50.0220, -0.0108, 3.4887



39.6570, 0.6621, 67.8298



82.9450, 1.0131, 142.1222

Inverse Universe

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



36.2110, 0.3890, 62.0820



47.3320, 0.3293, 81.2698



65.6150, 20.4028, -57.5444



50.0220, -0.0108, 3.4887



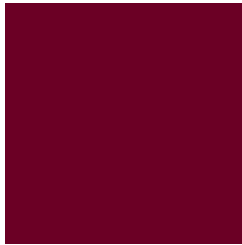
39.6570, 0.6621, 67.8298



82.9450, 1.0131, 142.1222

Previews

White Background



This preview shows how the YUV color 36.2110, 0.3890, 62.0820 looks on a white background.

Color Contrast Check

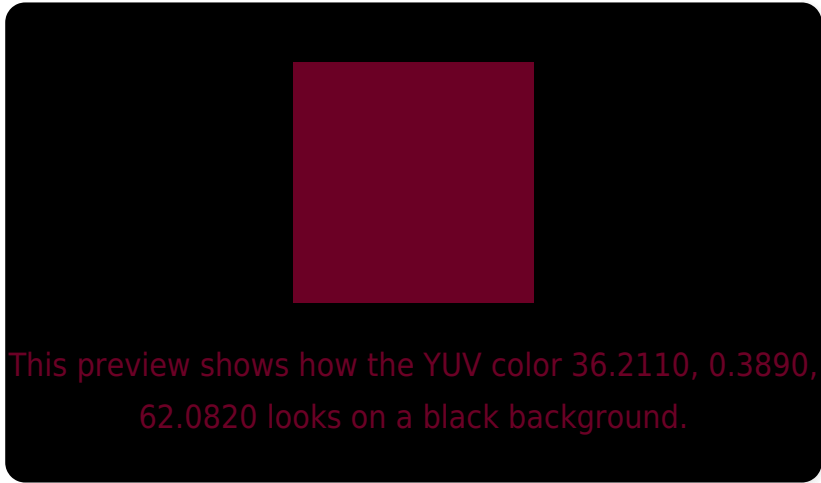
Large Text (above 18pt) WCAG AA ✓ Pass

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

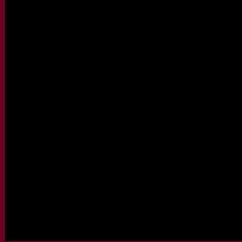
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.2110, 0.3890, 62.0820

Background



This preview shows how black text looks on a background with the YUV color 36.2110, 0.3890, 62.0820.



This preview shows how white text looks on a background with the YUV color 36.2110, 0.3890,

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

36.2110, 0.3890, 62.0820

Protanopia

54.5980, -0.2948, 1.2296

Deuteranopia

54.2050, -10.9471, 11.2212



Tritanopia

41.9810, -14.2876, 56.1447

Trichromacy



Original Color

36.2110, 0.3890, 62.0820

Protanomaly

47.8550, 0.0715, 23.8062

Deuteranomaly

47.7650, -6.7861, 30.0241

Tritanomaly

40.0720, -8.9095, 57.8189

Monochromacy



Original Color

36.2110, 0.3890, 62.0820

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.1430, -0.0705, 22.6766

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.2110, 0.3890, 62.0820 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(107, 0, 37)` looks like.

```
.text, #text, p{  
    color:rgb(107, 0, 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(107, 0, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 0, 37) }
```

Border

The CSS property to change the border of an element to YUV 36.2110, 0.3890, 62.0820 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(107, 0, 37) }
```


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

```
.border{ border-color:rgb(107, 0, 37) }
```

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

Here you see how a box with a 4 pixel rgb(107, 0, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 0, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 0, 37);  
box-shadow:4px 4px 4px 4px rgb(107, 0, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.2110, 0.3890, 62.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 0, 37) }
```

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

```
.background{ background-color: rgb(107, 0,  
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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