

Converting Colors

YUV(34.2370, -15.8928,
57.6742)

Have a look what the booklet for
YUV(34.2370, -15.8928, 57.6742)
contains.

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Color

**YUV(34.2370, -15.8928,
57.6742)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 640702 |
| RGB | 100, 7, 2 |
| RGB Percent | 39%, 3%, 1% |
| CMY | 0.6078, 0.9725, 0.9922 |
| CMYK | 0.00, 0.93, 0.98, 0.61 |
| HSL | 3°, 96%, 20% |
| HSV | 3°, 98%, 39% |
| XYZ | 5.3425, 2.8657, 0.3290 |
| YIQ | 34.2370, 57.0330, 18.1610 |

Conversions

Conversions Part 2

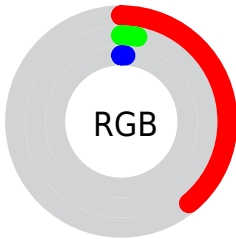
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 100, 7, 2 |
| Decimal | 6555394 |
| CIE Lab | 19.50, 38.52, 28.91 |
| CIE LCh | 19, 48.165, 36.888 |
| Yxy | 2.8657, 0.6258, 0.3357 |
| Android (android.graphics.Color) | 4284745474 (0xFF640702) |
| YUV | 34.2370, -15.8928, 57.6742 |
| Hunter-Lab | 16.9283, 26.7091, 10.6976 |

Details

The YUV color **34.2370, -15.8928, 57.6742** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **67.7630, 15.8928, -57.6742**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.3960, -20.4082, 59.2887**, and **14.2810, -6.0545, 28.6946** is the 20% darker color. If you saturate the color by 10%, you get **32.8350, -16.1877, 58.9037**, and if you desaturate by 10%, it is **40.6600, -14.1294, 52.0412**.

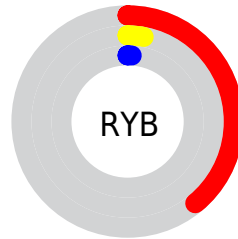
Distribution



Red (39%)

Green (3%)

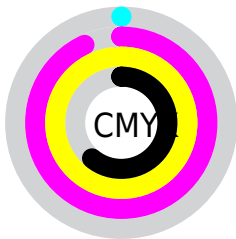
Blue (1%)



Red (39%)

Yellow (3%)

Blue (1%)

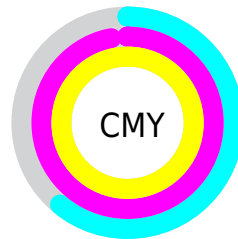


Cyan (0%)

Magenta (93%)

Yellow (98%)

Black (61%)



Cyan (61%)


Magenta (97%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 34.2370, -15.8928, 57.6742 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 34.2370, -15.8928, 57.6742 by changing the saturation by 10% instead.


 34.2370, -15.8928,
57.6742


 34.2370, -15.8928,
57.6742

 250.6340,
-11.6516, 3.8290


 21.5280, -10.6133,
44.2639


 89.3960, -20.4082,
59.2887

 14.2810, -6.0545,
28.6946

 115.6630,
-22.0189, 62.5625

 0.0000, 0.0000,
0.0000


 142.6310,
-23.4821, 65.2216


 169.7130,
-24.5085, 67.7807


 190.8040,
-22.5814, 56.2999


 210.3180,


-18.8908, 39.1861


 230.4190,
-15.4896, 21.5575


 34.2370, -15.8928,
57.6742


 34.2370, -15.8928,
57.6742


 32.8350, -16.1877,
58.9037

 40.6600, -14.1294,
52.0412

 47.6700, -12.6553,
45.8934

 54.0930, -10.8918,
40.2604

 61.1030, -9.4178,
34.1127

 67.5260, -7.6543,
28.4797

■ 74.5360, -6.1802,
22.3319

■ 80.9590, -4.4168,
16.6990

■ 87.9690, -2.9427,
10.5512

■ 94.3920, -1.1793,
4.9182

Harmonies

Analogous

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



36.3680, 2.2836, 61.0673



34.2370, -15.8928, 57.6742



43.8780, -21.6319, 31.6790

Triad

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



34.2370, -15.8928, 57.6742



37.1580, -9.9379, -32.5876



42.8020, 37.0726, -37.5374

Complementary

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



34.2370, -15.8928, 57.6742



67.7630, 15.8928, -57.6742

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.



46.9280, 32.5735, -41.1559



34.2370, -15.8928, 57.6742



42.0770, 6.3710, -36.9015

Square

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



34.2370, -15.8928, 57.6742



35.8620, -17.6800, -22.6810



45.9530, 21.2222, -40.3008



47.3730, 27.9171, 5.8119

Rectangle

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



34.2370, -15.8928, 57.6742



44.9530, -22.1618, 14.9502



45.9530, 21.2222, -40.3008



44.6770, 36.6412, -39.1817

Sweetspot

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



34.2370, -15.8928, 57.6742



104.5360, -6.1802, 22.3319



41.9040, 26.1763, 50.9502



50.4640, -3.6798, 13.6251



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



34.2370, -15.8928, 57.6742



42.9790, -21.1886, 76.3174



63.0000, -30.0730, 32.4490



47.4950, -0.7370, 3.0739



37.9070, -18.6882, 67.6106



79.4020, -39.1452, 142.5984

Inverse Universe

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



67.7630, 15.8928, -57.6742



87.0210, 21.1886, -76.3174



39.0000, 30.0730, -32.4490



49.5050, 0.7370, -3.0739



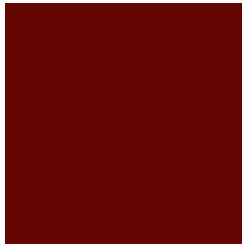
77.0930, 18.6882, -67.6106



162.5980, 39.1452, -142.5984

Previews

White Background



This preview shows how the YUV color 34.2370, -15.8928, 57.6742 looks on a white background.

Color Contrast Check

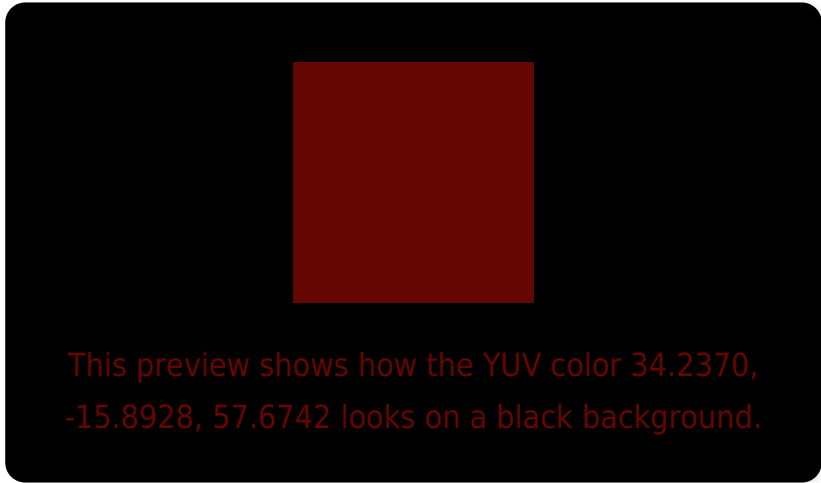
Large Text (above 18pt) WCAG AA ✓ Pass

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

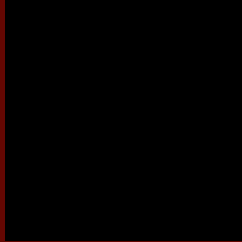
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.2370, -15.8928, 57.6742

Background



This preview shows how black text looks on a background with the YUV color 34.2370, -15.8928, 57.6742.



This preview shows how white text looks on a background with the YUV color 34.2370, -15.8928,

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

34.2370, -15.8928, 57.6742

Protanopia

48.4620, -17.4828, 7.4878

Deuteranopia

47.3120, -23.3248, 14.6354

Trichromacy



Original Color

34.2370, -15.8928, 57.6742

Protanomaly

43.3980, -16.9582, 25.9610

Deuteranomaly

42.5080, -20.4634, 30.2495

Monochromacy



Original Color

34.2370, -15.8928, 57.6742

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.9380, -5.8854, 21.1024

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.2370, -15.8928, 57.6742 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(100, 7, 2)` looks like.

```
.text, #text, p{  
    color:rgb(100, 7, 2)  
}
```

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(100, 7, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 7, 2) }
```

Border

The CSS property to change the border of an element to YUV 34.2370, -15.8928, 57.6742 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(100, 7, 2) }
```

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

```
.border{ border-color:rgb(100, 7, 2) }
```

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

Here you see how a box with a 4 pixel rgb(100, 7, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 7, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(100, 7, 2); box-shadow:4px  
4px 4px 4px rgb(100, 7, 2) }
```


Background

The CSS property to change the background color of an element to YUV 34.2370, -15.8928, 57.6742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 7, 2) }
```

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

```
.background{ background-color: rgb(100, 7,  
2) }
```

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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