

Converting Colors

YUV(91.3540, -37.1495,
15.4755)

Have a look what the booklet for
YUV(91.3540, -37.1495, 15.4755)
contains.

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Color

**YUV(91.3540, -37.1495,
15.4755)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6110
RGB	109, 97, 16
RGB Percent	43%, 38%, 6%
CMY	0.5725, 0.6196, 0.9373
CMYK	0.00, 0.11, 0.85, 0.57
HSL	52°, 74%, 25%
HSV	52°, 85%, 43%
XYZ	10.6749, 11.8380, 2.2125
YIQ	91.3540, 33.1530, -22.6470

Conversions

Conversions Part 2

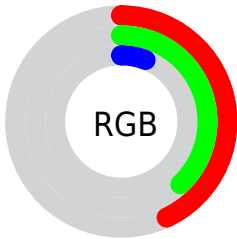
Format	Color
R_{YB}	30, 109, 16
Decimal	7168272
CIE Lab	40.96, -4.27, 43.63
CIE LCh	41, 43.834, 95.589
Yxy	11.8380, 0.4317, 0.4788
Android (android.graphics.Color)	4285358352 (0xFF6D6110)
YUV	91.3540, -37.1495, 15.4755
Hunter-Lab	34.4064, -4.8300, 20.2718

Details

The YUV color **91.3540, -37.1495, 15.4755** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **33.6460, 37.1495, -15.4755**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6640, -37.3024, 17.8347**, and **47.2790, -23.3085, 9.4023** is the 20% darker color. If you saturate the color by 10%, you get **89.5130, -41.6649, 17.0901**, and if you desaturate by 10%, it is **93.1950, -32.6341, 13.8610**.

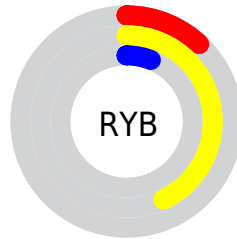
Distribution



Red (43%)

Green (38%)

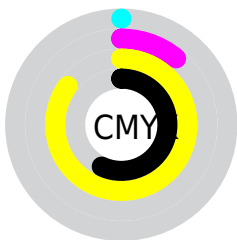
Blue (6%)



Red (12%)

Yellow (43%)

Blue (6%)

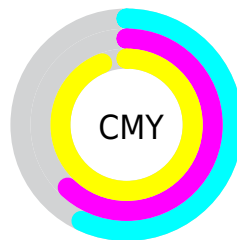


Cyan (0%)

Magenta (11%)

Yellow (85%)

Black (57%)



Cyan (57%)

Magenta (62%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.3540, -37.1495, 15.4755 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 91.3540, -37.1495, 15.4755 by changing the saturation by 10% instead.

91.3540, -37.1495,
15.4755

91.3540, -37.1495,
15.4755

255.0000, 0.0000,
0.0000

67.6680, -33.3603,
13.4462

142.6640,
-37.3024, 17.8347

47.2790, -23.3085,
9.4023

170.1480,
-38.0340, 19.1642

27.4770, -13.5462,
4.8437

197.2190,
-39.0550, 19.9789

4.1090, -2.0257,
-3.6036

225.7030,
-39.7866, 21.3085

0.0000, 0.0000,
0.0000

245.5380,
-36.2542, 8.2982

248.7300,

-24.0239, 5.4988

■ 251.9220,
-11.7935, 2.6994

■ 91.3540, -37.1495,
15.4755

■ 91.3540, -37.1495,
15.4755

■ 89.5130, -41.6649,
17.0901

■ 93.1950, -32.6341,
13.8610

■ 88.3560, -43.5595,
18.1048

■ 95.6230, -28.4081,
11.7316

■ 97.4640, -23.8928,
10.1171

■ 99.8920, -19.6668,
7.9877

■ 101.7330,
-15.1514, 6.3732

■ 103.4600,
-11.0728, 4.8586

■ 105.8880, -6.8468,
2.7292

■ 107.7290, -2.3314,
1.1147

■ 110.1570, 1.8946,
-1.0147

Harmonies

Analogous

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



93.8760, -31.9839, 38.6967



91.3540, -37.1495, 15.4755



87.2130, -26.7270, -14.2188

Triad

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



91.3540, -37.1495, 15.4755



82.0630, 27.5769, -71.9693



98.3360, 14.1314, 40.9243

Complementary

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



91.3540, -37.1495, 15.4755



33.6460, 37.1495, -15.4755

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.



98.9710, 27.6223, 7.0414



91.3540, -37.1495, 15.4755



81.8640, 39.5070, -71.7947

Square

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



91.3540, -37.1495, 15.4755



78.5460, 11.5628, -68.8848



83.5550, 41.6314, -53.1067



94.9070, -1.9262, 57.9636

Rectangle

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



91.3540, -37.1495, 15.4755



81.1910, -13.4052, -40.5095



83.5550, 41.6314, -53.1067



99.5350, 18.9632, 31.1028

Sweetspot

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



91.3540, -37.1495, 15.4755



135.8470, -14.7146, 6.2732



45.1750, -8.4673, 55.9745



67.3180, -9.0308, 3.2291



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.



91.3540, -37.1495, 15.4755



115.5450, -56.9637, 24.0780



88.2320, -35.6104, -11.6045



52.7290, -2.3314, 1.1147



94.8570, -46.7645, 19.4194



198.2860, -97.7550, 40.9682

Inverse Universe

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



33.6460, 37.1495, -15.4755



26.8680, 57.2531, -23.5632



36.7680, 35.6104, 11.6045



49.2710, 2.3314, -1.1147



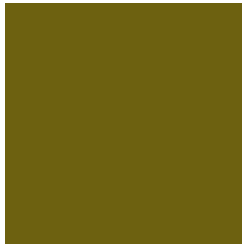
22.1430, 46.7645, -19.4194



46.7140, 97.7550, -40.9682

Previews

White Background



This preview shows how the YUV color 91.3540, -37.1495, 15.4755 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 × Fail

Black Background



This preview shows how the YUV color 91.3540, -37.1495, 15.4755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 91.3540, -37.1495, 15.4755

Background



This preview shows how black text looks on a background with the YUV color 91.3540, -37.1495, 15.4755.



This preview shows how white text looks on a background with the YUV color 91.3540, -37.1495,

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

91.3540, -37.1495, 15.4755

Protanopia

91.3540, -37.1495, 15.4755

Deuteranopia

92.7620, -35.8717, 25.6417



Tritanopia

98.2730, -0.6276, 14.6696

Trichromacy



Original Color

91.3540, -37.1495, 15.4755

Protanomaly

91.3540, -37.1495, 15.4755

Deuteranomaly

92.3270, -36.1502, 21.6382

Tritanomaly

96.1300, -13.8681, 14.7950

Monochromacy



Original Color

91.3540, -37.1495, 15.4755

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1890, -13.4042, 5.9732

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.3540, -37.1495, 15.4755 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(109, 97, 16)` looks like.

```
.text, #text, p{  
    color:rgb(109, 97, 16)  
}
```

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(109, 97, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 97, 16) }
```

Border

The CSS property to change the border of an element to YUV 91.3540, -37.1495, 15.4755 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(109, 97, 16) }
```


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

```
.border{ border-color:rgb(109, 97, 16) }
```

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

Here you see how a box with a 4 pixel rgb(109, 97, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 97, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 97, 16);  
box-shadow:4px 4px 4px 4px rgb(109, 97,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 91.3540, -37.1495, 15.4755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 97, 16) }
```

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

```
.background{ background-color: rgb(109, 97,  
16) }
```

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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