

Converting Colors

YUV(93.1650, -37.0563,
32.3043)

Have a look what the booklet for
YUV(93.1650, -37.0563, 32.3043)
contains.

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Color

**YUV(93.1650, -37.0563,
32.3043)**

Conversions

Conversions Part 1

Format	Color
Hex	825912
RGB	130, 89, 18
RGB Percent	51%, 35%, 7%
CMY	0.4902, 0.6510, 0.9294
CMYK	0.00, 0.32, 0.86, 0.49
HSL	38°, 76%, 29%
HSV	38°, 86%, 51%
XYZ	12.8875, 11.9343, 2.1966
YIQ	93.1650, 47.2270, -13.3890

Conversions

Conversions Part 2

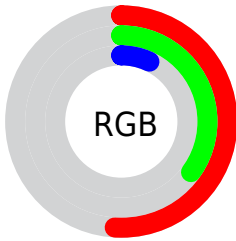
Format	Color
R_{YB}	83, 130, 18
Decimal	8542482
CIE Lab	41.11, 10.70, 44.02
CIE LCh	41, 45.305, 76.339
Yxy	11.9343, 0.4770, 0.4417
Android (android.graphics.Color)	4286732562 (0xFF825912)
YUV	93.1650, -37.0563, 32.3043
Hunter-Lab	34.5460, 6.1344, 20.4123

Details

The YUV color **93.1650, -37.0563, 32.3043** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **54.8350, 37.0563, -32.3043**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2580, -38.0882, 36.6077**, and **48.5520, -23.9361, 24.0719** is the 20% darker color. If you saturate the color by 10%, you get **88.7480, -41.2878, 36.1780**, and if you desaturate by 10%, it is **97.5820, -32.8249, 28.4306**.

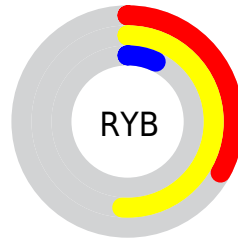
Distribution



Red (51%)

Green (35%)

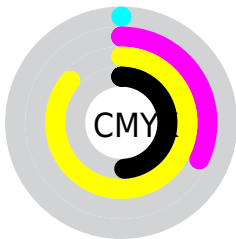
Blue (7%)



Red (33%)

Yellow (51%)

Blue (7%)

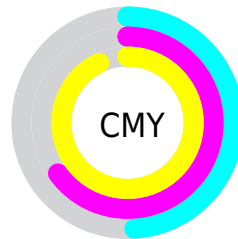


Cyan (0%)

Magenta (32%)

Yellow (86%)

Black (49%)



Cyan (49%)

Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.1650, -37.0563, 32.3043 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 93.1650, -37.0563, 32.3043 by changing the saturation by 10% instead.

93.1650, -37.0563,
32.3043

93.1650, -37.0563,
32.3043

255.0000, 0.0000,
0.0000

69.5390, -34.2827,
29.3453

145.2580,
-38.0882, 36.6077

48.5520, -23.9361,
24.0719

172.0410,
-38.9672, 38.5520

28.4510, -14.0263,
18.8985

199.8240,
-39.8462, 40.4964

7.7740, -3.8326,
15.9842


221.9150,
-37.9191, 29.0155


0.0000, 0.0000,
0.0000


242.0160,
-34.5179, 11.3870


248.7300,


-24.0239, 5.4988


 251.9220,
-11.7935, 2.6994


 93.1650, -37.0563,
32.3043


 93.1650, -37.0563,
32.3043


 88.7480, -41.2878,
36.1780


 97.5820, -32.8249,
28.4306

 87.0040, -42.8930,
37.7075

 101.9990,
-28.5935, 24.5569

 105.8290,
-24.0727, 21.1980

 110.2460,
-19.8413, 17.3243

 114.6630,
-15.6099, 13.4505

■ 119.0800,
-11.3784, 9.5768

■ 122.9100, -6.8576,
6.2179

■ 127.3270, -2.6262,
2.3442

■ 131.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



94.5000, -24.8965, 52.1815



93.1650, -37.0563, 32.3043



90.0000, -36.9750, 6.1390

Triad

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



93.1650, -37.0563, 32.3043



80.8430, 17.8254, -70.8993



99.8480, 24.2319, 21.1813

Complementary

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



93.1650, -37.0563, 32.3043



54.8350, 37.0563, -32.3043

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.



93.2810, 37.3295, -26.5564



93.1650, -37.0563, 32.3043



82.8440, 33.1079, -72.6542

Square

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



93.1650, -37.0563, 32.3043



75.8100, 1.0797, -66.4854



81.4880, 43.1434, -71.4650



97.4360, 9.1521, 51.3606

Rectangle

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



93.1650, -37.0563, 32.3043



87.0880, -27.1584, -15.8632



81.4880, 43.1434, -71.4650



99.4980, 28.3485, 7.4563

Sweetspot

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



93.1650, -37.0563, 32.3043



153.7060, -14.1521, 12.5358



56.1620, 1.3991, 64.7559



75.7530, -8.7522, 7.2326



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



93.1650, -37.0563, 32.3043



113.0410, -55.7292, 48.1990



112.7470, -46.7103, 1.9759



61.4410, -2.1894, 2.2442



85.8190, -42.3088, 36.9927



0.0000, 0.0000, 0.0000

Inverse Universe

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



54.8350, 37.0563, -32.3043



55.5460, 55.4398, -48.7138



35.2530, 46.7103, -1.9759



59.5590, 2.1894, -2.2442



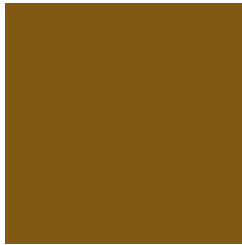
42.1810, 42.3088, -36.9927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 93.1650, -37.0563, 32.3043 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 93.1650, -37.0563, 32.3043 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 93.1650, -37.0563, 32.3043

Background



This preview shows how black text looks on a background with the YUV color 93.1650, -37.0563, 32.3043.



This preview shows how white text looks on a background with the YUV color 93.1650, -37.0563,

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

93.1650, -37.0563, 32.3043

Protanopia

92.6960, -35.8391, 15.1756

Deuteranopia

92.6050, -37.7663, 26.6564



Tritanopia

98.9330, -4.8970, 30.7538

Trichromacy



Original Color

93.1650, -37.0563, 32.3043

Protanomaly

92.9140, -36.4396, 21.1234

Deuteranomaly

93.0290, -37.4823, 28.9156

Tritanomaly

96.8440, -16.6851, 31.7088

Monochromacy



Original Color

93.1650, -37.0563, 32.3043

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.2220, -13.4204, 11.2063

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1650, -37.0563, 32.3043 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(130, 89, 18)` looks like.

```
.text, #text, p{  
    color:rgb(130, 89, 18)  
}
```

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(130, 89, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 89, 18) }
```

Border

The CSS property to change the border of an element to YUV 93.1650, -37.0563, 32.3043 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(130, 89, 18) }
```


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

```
.border{ border-color:rgb(130, 89, 18) }
```

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

Here you see how a box with a 4 pixel rgb(130, 89, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 89, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 89, 18);  
box-shadow:4px 4px 4px 4px rgb(130, 89,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 93.1650, -37.0563, 32.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 89, 18) }
```

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

```
.background{ background-color: rgb(130, 89,  
18) }
```

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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