

Converting Colors

YUV(89.0370, -22.6962,
46.4486)

Have a look what the booklet for
YUV(89.0370, -22.6962, 46.4486)
contains.

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Color

**YUV(89.0370, -22.6962,
46.4486)**

Conversions

Conversions Part 1

Format	Color
Hex	8E472B
RGB	142, 71, 43
RGB Percent	56%, 28%, 17%
CMY	0.4431, 0.7216, 0.8314
CMYK	0.00, 0.50, 0.70, 0.44
HSL	17°, 54%, 36%
HSV	17°, 70%, 56%
XYZ	13.8446, 10.4317, 3.5693
YIQ	89.0370, 51.3040, 6.3440

Conversions

Conversions Part 2

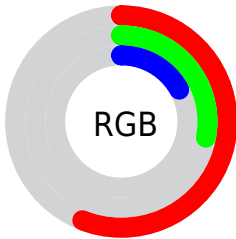
Format	Color
RYB	142, 82, 43
Decimal	9324331
CIELab	38.61, 27.71, 30.14
CIELCh	39, 40.939, 47.410
Yxy	10.4317, 0.4972, 0.3746
Android (android.graphics.Color)	4287514411 (0xFF8E472B)
YUV	89.0370, -22.6962, 46.4486
Hunter-Lab	32.2981, 19.9925, 16.0564

Details

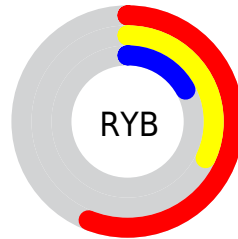
The YUV color **89.0370, -22.6962, 46.4486** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **95.9630, 22.6962, -46.4486**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.0870, -25.1859, 51.6667**, and **40.1010, -19.7698, 41.1304** is the 20% darker color. If you saturate the color by 10%, you get **81.5710, -25.9175, 52.9962**, and if you desaturate by 10%, it is **96.5030, -19.4750, 39.9009**.

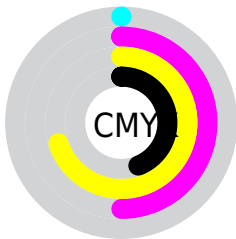
Distribution



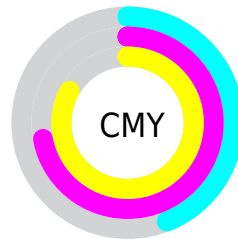
- Red (56%)
- Green (28%)
- Blue (17%)



- Red (56%)
- Yellow (32%)
- Blue (17%)



- Cyan (0%)
- Magenta (50%)
- Yellow (70%)
- Black (44%)



- Cyan (44%)
- Magenta (72%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0370, -22.6962, 46.4486 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 89.0370, -22.6962, 46.4486 by changing the saturation by 10% instead.

■ 89.0370, -22.6962,
46.4486

■ 89.0370, -22.6962,
46.4486

255.0000, 0.0000,
0.0000

■ 64.0690, -21.2330,
43.7895

■ 141.0870,
-25.1859, 51.6667

■ 40.1010, -19.7698,
41.1304

■ 167.7560,
-26.5017, 53.7110

■ 18.2280, -8.9864,
35.7570

■ 194.3430,
-26.7911, 53.1962

■ 10.5790, -4.7224,
21.4172

■ 213.2700,
-22.8111, 36.5972

■ 0.0000, 0.0000,
0.0000

■ 233.3710,
-19.4099, 18.9686

■ 251.2380,

-14.4143, 3.2993

254.5440, -1.7472,
0.3999

■ 89.0370, -22.6962,
46.4486

■ 89.0370, -22.6962,
46.4486

■ 81.5710, -25.9175,
52.9962

■ 96.5030, -19.4750,
39.9009

■ 74.1050, -29.1388,
59.5439

■ 103.9690,
-16.2537, 33.3532

■ 65.9380, -32.5074,
66.7064

■ 112.1360,
-12.8850, 26.1907

■ 119.6020, -9.6638,
19.6430

■ 127.0680, -6.4425,
13.0954

■ 134.5340, -3.2213,
6.5477

■ 142.0000, 0.0000,
0.0000

■ 149.5800, 3.6581,
-6.6477

■ 157.6330, 6.5899,
-13.7101

Harmonies

Analogous

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



89.2780, -8.0251, 54.1302



89.0370, -22.6962, 46.4486



87.6960, -32.3881, 28.3306

Triad

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



89.0370, -22.6962, 46.4486



70.7720, 2.0844, -62.0670



88.6470, 32.2190, -20.7384

Complementary

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



89.0370, -22.6962, 46.4486



95.9630, 22.6962, -46.4486

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.



75.8970, 39.4908, -66.5617



89.0370, -22.6962, 46.4486



75.3490, 17.0829, -66.0811

Square

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



89.0370, -22.6962, 46.4486



80.0250, -18.2533, -25.4549



77.4810, 30.3289, -67.9508



93.9250, 20.7430, 20.2368

Rectangle

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



89.0370, -22.6962, 46.4486



86.2550, -33.6497, 12.9314



77.4810, 30.3289, -67.9508



82.3670, 36.7941, -41.5409

Sweetspot

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



89.0370, -22.6962, 46.4486



163.1180, -8.9322, 18.3135



80.9230, 17.2930, 53.5645



79.3990, -5.1267, 11.0511



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



89.0370, -22.6962, 46.4486



101.1730, -35.5813, 72.6393



117.2130, -36.5870, 21.7382



67.2670, -1.6106, 3.2738



62.6710, -30.8968, 63.4325



3.5660, -1.7580, 3.8886

Inverse Universe

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



95.9630, 22.6962, -46.4486



111.8270, 35.5813, -72.6393



67.7870, 36.5870, -21.7382



67.7330, 1.6106, -3.2738



72.3290, 30.8968, -63.4325



3.8470, 2.0474, -3.3738

Previews

White Background



This preview shows how the YUV color 89.0370, -22.6962, 46.4486 looks on a white background.

Color Contrast Check

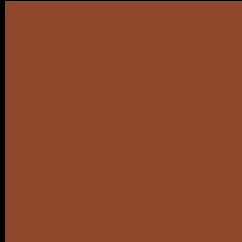
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.0370, -22.6962, 46.4486 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 89.0370, -22.6962, 46.4486

Background



This preview shows how black text looks on a background with the YUV color 89.0370, -22.6962, 46.4486.



This preview shows how white text looks on a background with the YUV color 89.0370, -22.6962,

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

89.0370, -22.6962, 46.4486

Protanopia

89.9030, -19.6722, 9.7321

Deuteranopia

89.6010, -24.9463, 21.3979



Tritanopia

90.5930, -9.1663, 46.8379

Trichromacy



Original Color

89.0370, -22.6962, 46.4486

Protanomaly

89.3500, -20.8785, 23.3721

Deuteranomaly

89.1830, -24.2472, 30.5345

Tritanomaly

89.6270, -14.1131, 46.8081

Monochromacy



Original Color

89.0370, -22.6962, 46.4486

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.6340, -8.2006, 16.9840

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0370, -22.6962, 46.4486 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(142, 71, 43)` looks like.

```
.text, #text, p{  
    color:rgb(142, 71, 43)  
}
```

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(142, 71, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 71, 43) }
```

Border

The CSS property to change the border of an element to YUV 89.0370, -22.6962, 46.4486 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(142, 71, 43) }
```


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

```
.border{ border-color:rgb(142, 71, 43) }
```

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

Here you see how a box with a 4 pixel rgb(142, 71, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 71, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 71, 43);  
box-shadow:4px 4px 4px 4px rgb(142, 71,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 89.0370, -22.6962, 46.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 71, 43) }
```

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

```
.background{ background-color: rgb(142, 71,  
43) }
```

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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