

Converting Colors

YUV(88.6730, -20.5448,
56.4148)

Have a look what the booklet for
YUV(88.6730, -20.5448, 56.4148)
contains.

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Color

**YUV(88.6730, -20.5448,
56.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	99402F
RGB	153, 64, 47
RGB Percent	60%, 25%, 18%
CMY	0.4000, 0.7490, 0.8157
CMYK	0.00, 0.58, 0.69, 0.40
HSL	10°, 53%, 39%
HSV	10°, 69%, 60%
XYZ	15.4834, 10.6443, 3.9278
YIQ	88.6730, 58.5010, 13.5810

Conversions

Conversions Part 2

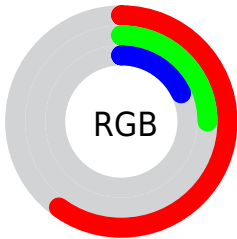
Format	Color
RYB	153, 67, 47
Decimal	10043439
CIELab	38.97, 36.11, 28.70
CIElCh	39, 46.128, 38.476
Yxy	10.6443, 0.5152, 0.3542
Android (android.graphics.Color)	4288233519 (0xFF99402F)
YUV	88.6730, -20.5448, 56.4148
Hunter-Lab	32.6257, 27.6169, 15.7000

Details

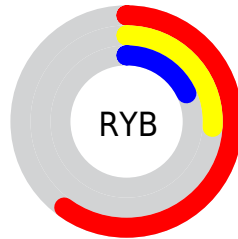
The YUV color **88.6730, -20.5448, 56.4148** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **111.3270, 20.5448, -56.4148**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6090, -23.4712, 61.7329**, and **35.1610, -17.3344, 53.3558** is the 20% darker color. If you saturate the color by 10%, you get **79.3320, -23.3347, 64.6068**, and if you desaturate by 10%, it is **98.0140, -17.7549, 48.2227**.

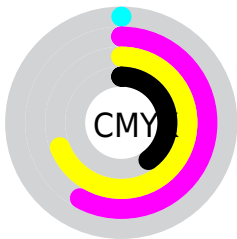
Distribution



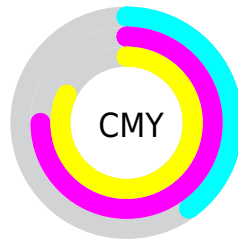
- Red (60%)
- Green (25%)
- Blue (18%)



- Red (60%)
- Yellow (26%)
- Blue (18%)



- Cyan (0%)
- Magenta (58%)
- Yellow (69%)
- Black (40%)



- Cyan (40%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6730, -20.5448, 56.4148 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 88.6730, -20.5448, 56.4148 by changing the saturation by 10% instead.

■ 88.6730, -20.5448,
56.4148

■ 88.6730, -20.5448,
56.4148

255.0000, 0.0000,
0.0000

■ 62.9330, -18.2080,
53.5558

■ 141.6090,
-23.4712, 61.7329

■ 35.1610, -17.3344,
53.3558

■ 168.5770,
-24.9345, 64.3920

■ 20.3320, -10.0237,
41.8048

■ 191.2770,
-23.3076, 55.8851

■ 13.2700, -6.0491,
26.9502

■ 210.7910,
-19.6170, 38.7713

■ 0.0000, 0.0000,
0.0000

■ 230.3050,
-15.9264, 21.6575

■ 250.5200,

-12.0884, 3.9290

■ 88.6730, -20.5448,
56.4148

■ 88.6730, -20.5448,
56.4148

■ 79.3320, -23.3347,
64.6068

■ 98.0140, -17.7549,
48.2227

■ 69.8770, -26.5614,
72.8989

■ 107.4690,
-14.5282, 39.9307

■ 60.5360, -29.3512,
81.0909

■ 116.8100,
-11.7383, 31.7386

■ 60.4220, -29.7880,
81.1909

■ 125.5640, -8.6591,
24.0614

■ 135.0190, -5.4324,
15.7693

■ 144.3600, -2.6425,
7.5773

■ 153.7010, 0.1474,
-0.6148

■ 163.0420, 2.9373,
-8.8068

■ 172.4970, 6.1640,
-17.0989

Harmonies

Analogous

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



88.7010, -2.8106, 61.6522



88.6730, -20.5448, 56.4148



88.2520, -35.6202, 38.3670

Triad

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



88.6730, -20.5448, 56.4148



70.5780, -3.7360, -61.8969



78.5980, 43.0892, -54.0214

Complementary

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



88.6730, -20.5448, 56.4148



111.3270, 20.5448, -56.4148

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.



78.8150, 40.5172, -69.1208



88.6730, -20.5448, 56.4148



75.6110, 13.0098, -66.3108

Square

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



88.6730, -20.5448, 56.4148



81.4790, -26.8581, -18.8371



79.1280, 29.0239, -69.3953



94.4060, 27.9008, 11.0449

Rectangle

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



88.6730, -20.5448, 56.4148



85.9590, -41.3918, 22.8380



79.1280, 29.0239, -69.3953



75.9770, 44.8743, -66.6318

Sweetspot

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



88.6730, -20.5448, 56.4148



173.6670, -8.2168, 22.2170



88.9540, 23.6867, 56.1683



84.5240, -4.6953, 12.6955



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



88.6730, -20.5448, 56.4148



98.5970, -31.8463, 88.0534



119.1970, -35.5931, 29.6452



71.9790, -1.4686, 4.4034



54.7740, -27.0036, 74.7432



5.0610, -2.4951, 6.9625

Inverse Universe

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



111.3270, 20.5448, -56.4148



133.8160, 32.1357, -87.5386



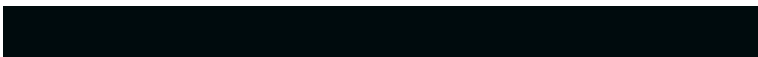
80.8030, 35.5931, -29.6452



73.4340, 1.7580, -3.8886



85.2260, 27.0036, -74.7432



7.9390, 2.4951, -6.9625

Previews

White Background



This preview shows how the YUV color 88.6730, -20.5448, 56.4148 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 88.6730, -20.5448, 56.4148 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 88.6730, -20.5448, 56.4148

Background



This preview shows how black text looks on a background with the YUV color 88.6730, -20.5448, 56.4148.



This preview shows how white text looks on a background with the YUV color 88.6730, -20.5448,

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

88.6730, -20.5448, 56.4148

Protanopia

91.2880, -16.9040, 8.5174

Deuteranopia

90.8290, -24.0727, 21.1980



Tritanopia

89.8500, -12.2510, 56.2596

Trichromacy



Original Color

88.6730, -20.5448, 56.4148

Protanomaly

90.0560, -18.2686, 26.2609

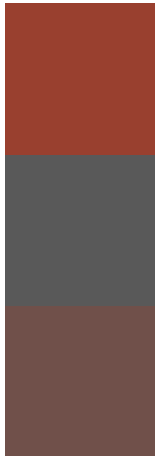
Deuteranomaly

89.9600, -22.6583, 34.2381

Tritanomaly

89.6390, -15.5980, 56.4446

Monochromacy



Original Color

88.6730, -20.5448, 56.4148

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8840, -7.3378, 20.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6730, -20.5448, 56.4148 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(153, 64, 47)` looks like.

```
.text, #text, p{  
    color:rgb(153, 64, 47)  
}
```

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(153, 64, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 64, 47) }
```

Border

The CSS property to change the border of an element to YUV 88.6730, -20.5448, 56.4148 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(153, 64, 47) }
```


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

```
.border{ border-color:rgb(153, 64, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 64, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 64, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 64, 47);  
box-shadow:4px 4px 4px 4px rgb(153, 64,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 88.6730, -20.5448, 56.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 64, 47) }
```

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

```
.background{ background-color: rgb(153, 64,  
47) }
```

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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