

Converting Colors

YUV(89.5970, -21.9863,
52.0964)

Have a look what the booklet for
YUV(89.5970, -21.9863, 52.0964)
contains.

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Color

**YUV(89.5970, -21.9863,
52.0964)**

Conversions

Conversions Part 1

Format	Color
Hex	95442D
RGB	149, 68, 45
RGB Percent	58%, 27%, 18%
CMY	0.4157, 0.7333, 0.8235
CMYK	0.00, 0.54, 0.70, 0.42
HSL	13°, 54%, 38%
HSV	13°, 70%, 58%
XYZ	14.9352, 10.7133, 3.7633
YIQ	89.5970, 55.6590, 10.0190

Conversions

Conversions Part 2

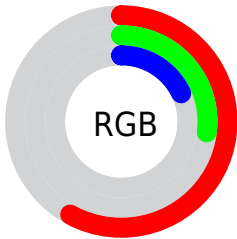
Format	Color
RYB	149, 75, 45
Decimal	9782317
CIELab	39.09, 32.34, 29.84
CIElCh	39, 44.004, 42.697
Yxy	10.7133, 0.5078, 0.3643
Android (android.graphics.Color)	4287972397 (0xFF95442D)
YUV	89.5970, -21.9863, 52.0964
Hunter-Lab	32.7311, 24.1700, 16.0948

Details

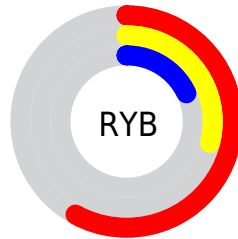
The YUV color **89.5970, -21.9863, 52.0964** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **104.4030, 21.9863, -52.0964**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.9460, -24.6234, 57.9294**, and **38.9600, -19.2073, 47.3931** is the 20% darker color. If you saturate the color by 10%, you get **80.8430, -25.0656, 59.7737**, and if you desaturate by 10%, it is **98.3510, -18.9070, 44.4192**.

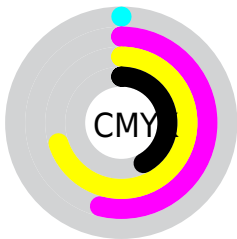
Distribution



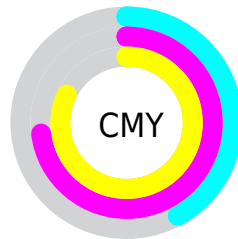
- Red (58%)
- Green (27%)
- Blue (18%)



- Red (58%)
- Yellow (29%)
- Blue (18%)



- Cyan (0%)
- Magenta (54%)
- Yellow (70%)
- Black (42%)



- Cyan (42%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5970, -21.9863, 52.0964 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 89.5970, -21.9863, 52.0964 by changing the saturation by 10% instead.

89.5970, -21.9863,
52.0964

89.5970, -21.9863,
52.0964

255.0000, 0.0000,
0.0000

64.3300, -20.3757,
48.8226

141.9460,
-24.6234, 57.9294

38.9600, -19.2073,
47.3931

169.5010,
-26.3760, 60.0736

19.4350, -9.5815,
39.9605

192.8100,
-25.0493, 54.5406

12.3730, -5.6069,
25.1059

212.3240,
-21.3587, 37.4269

0.0000, 0.0000,
0.0000

232.4250,
-17.9575, 19.7983

251.4660,

-13.5407, 3.0993

254.7720, -0.8736,
0.2000

■ 89.5970, -21.9863,
52.0964

■ 89.5970, -21.9863,
52.0964

■ 80.8430, -25.0656,
59.7737

■ 98.3510, -18.9070,
44.4192

■ 72.6760, -28.4343,
66.9361

■ 106.5180,
-15.5384, 37.2567

■ 63.9220, -31.5135,
74.6134

■ 115.2720,
-12.4591, 29.5795

■ 123.4390, -9.0904,
22.4170

■ 132.1930, -6.0111,
14.7397

■ 140.8330, -3.3687,
7.1625

■ 149.0000, 0.0000,
0.0000

■ 157.7540, 3.0793,
-7.6773

■ 165.9210, 6.4479,
-14.8397

Harmonies

Analogous

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



89.8810, -5.8573, 58.8634



89.5970, -21.9863, 52.0964



88.7460, -34.8778, 33.5488

Triad

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



89.5970, -21.9863, 52.0964



71.2620, -1.1152, -62.4968



86.2370, 37.3512, -33.5338

Complementary

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



89.5970, -21.9863, 52.0964



104.4030, 21.9863, -52.0964

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.



78.1140, 40.3698, -68.5060



89.5970, -21.9863, 52.0964



76.1810, 15.1938, -66.8107

Square

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



89.5970, -21.9863, 52.0964



81.3090, -22.3373, -22.1960



78.7690, 30.1869, -69.0804



94.9290, 24.6850, 15.8483

Rectangle

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



89.5970, -21.9863, 52.0964



86.4360, -38.1759, 18.0346



78.7690, 30.1869, -69.0804



74.4610, 44.1427, -65.3023

Sweetspot

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



89.5970, -21.9863, 52.0964



170.5420, -8.6482, 20.5727



85.3300, 20.0503, 55.8386



83.1110, -4.9847, 12.1807



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



89.5970, -21.9863, 52.0964



100.8690, -34.4454, 81.6759



120.1210, -37.0347, 25.3269



69.6800, -1.3212, 3.7886



58.8720, -29.0239, 69.3953



4.1640, -2.0529, 5.1182

Inverse Universe

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



104.4030, 21.9863, -52.0964



124.1310, 34.4454, -81.6759



73.8790, 37.0347, -25.3269



70.7330, 1.6106, -3.2738



78.5410, 29.3133, -68.8805



5.8360, 2.0529, -5.1182

Previews

White Background



This preview shows how the YUV color 89.5970, -21.9863, 52.0964 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 89.5970, -21.9863, 52.0964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

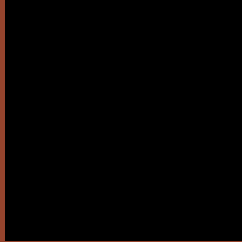
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5970, -21.9863, 52.0964

Background



This preview shows how black text looks on a background with the YUV color 89.5970, -21.9863, 52.0964.



This preview shows how white text looks on a background with the YUV color 89.5970, -21.9863,

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

89.5970, -21.9863, 52.0964

Protanopia

91.1310, -18.7986, 9.5321

Deuteranopia

90.7150, -24.5095, 21.2979



Tritanopia

90.8710, -10.7824, 51.8561

Trichromacy



Original Color

89.5970, -21.9863, 52.0964

Protanomaly

90.5890, -20.0104, 24.9164

Deuteranomaly

90.3080, -23.8158, 32.1789

Tritanomaly

90.4320, -15.0030, 52.2411

Monochromacy



Original Color

89.5970, -21.9863, 52.0964

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7590, -7.7692, 18.6284

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5970, -21.9863, 52.0964 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(149, 68, 45)` looks like.

```
.text, #text, p{  
    color:rgb(149, 68, 45)  
}
```

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(149, 68, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 68, 45) }
```

Border

The CSS property to change the border of an element to YUV 89.5970, -21.9863, 52.0964 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(149, 68, 45) }
```


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

```
.border{ border-color:rgb(149, 68, 45) }
```

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

Here you see how a box with a 4 pixel rgb(149, 68, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 68, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 68, 45);  
box-shadow:4px 4px 4px 4px rgb(149, 68,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 89.5970, -21.9863, 52.0964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 68, 45) }
```

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

```
.background{ background-color: rgb(149, 68,  
45) }
```

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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