

Converting Colors

YUV(88.2620, -17.3842,
22.5722)

Have a look what the booklet for
YUV(88.2620, -17.3842, 22.5722)
contains.

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Color

**YUV(88.2620, -17.3842,
22.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	725235
RGB	114, 82, 53
RGB Percent	45%, 32%, 21%
CMY	0.5529, 0.6784, 0.7922
CMYK	0.00, 0.28, 0.54, 0.55
HSL	29°, 37%, 33%
HSV	29°, 54%, 45%
XYZ	10.5993, 9.8690, 4.7144
YIQ	88.2620, 28.3810, -2.2350

Conversions

Conversions Part 2

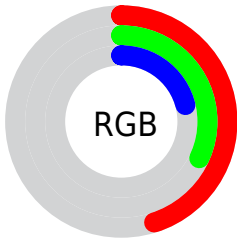
Format	Color
R _Y B	114, 108, 53
Decimal	7492149
CIE Lab	37.61, 9.61, 22.20
CIE LCh	38, 24.184, 66.599
Yxy	9.8690, 0.4209, 0.3919
Android (android.graphics.Color)	4285682229 (0xFF725235)
YUV	88.2620, -17.3842, 22.5722
Hunter-Lab	31.4150, 5.2490, 13.0929

Details

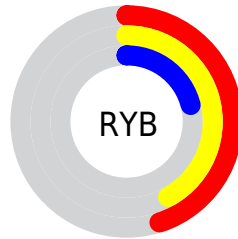
The YUV color **88.2620, -17.3842, 22.5722** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **78.7380, 17.3842, -22.5722**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5290, -18.9948, 25.8461**, and **41.8810, -16.2103, 19.3984** is the 20% darker color. If you saturate the color by 10%, you get **83.4860, -20.4526, 26.7608**, and if you desaturate by 10%, it is **93.0380, -14.3157, 18.3837**.

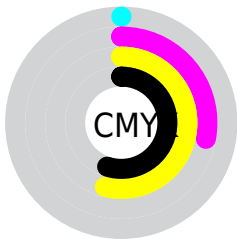
Distribution



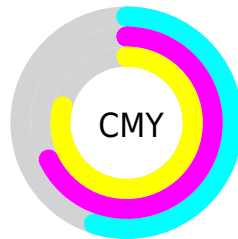
- Red (45%)
- Green (32%)
- Blue (21%)



- Red (45%)
- Yellow (42%)
- Blue (21%)



- Cyan (0%)
- Magenta (28%)
- Yellow (54%)
- Black (55%)



- Cyan (55%)
- Magenta (68%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.2620, -17.3842, 22.5722 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 88.2620, -17.3842, 22.5722 by changing the saturation by 10% instead.

■ 88.2620, -17.3842,
22.5722

■ 88.2620, -17.3842,
22.5722

■ 255.0000, 0.0000,
0.0000

■ 64.4790, -16.5051,
20.6279

■ 138.5290,
-18.9948, 25.8461

■ 41.8810, -16.2103,
19.3984

■ 165.0130,
-19.7264, 27.1756

■ 21.9390, -10.8159,
15.8395

■ 192.1980,
-20.3106, 27.8904

■ 0.0000, 0.0000,
0.0000

■ 220.3830,
-20.8948, 28.6051

■ 240.6090,
-17.0622, 12.6209

■ 252.6060, -9.1728,

2.0995

■ 88.2620, -17.3842,
22.5722

■ 88.2620, -17.3842,
22.5722

■ 83.4860, -20.4526,
26.7608

■ 93.0380, -14.3157,
18.3837

■ 78.5960, -23.9578,
31.0493

■ 97.9280, -10.8105,
14.0951

■ 73.8200, -27.0263,
35.2379

■ 102.7040, -7.7421,
9.9066

■ 68.9300, -30.5315,
39.5264

■ 107.5940, -4.2368,
5.6181

■ 65.7840, -32.4315,
42.2854

■ 112.3700, -1.1684,
1.4295

■ 117.1460, 1.9000,
-2.7590

■ 122.0360, 5.4053,
-7.0476

■ 126.8120, 8.4737,
-11.2361

■ 131.7020, 11.9789,
-15.5247

Harmonies

Analogous

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



89.2120, -11.4435, 30.5091



88.2620, -17.3842, 22.5722



86.8320, -18.6512, 8.9173

Triad

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



88.2620, -17.3842, 22.5722



75.4780, 8.1453, -46.0232



90.5180, 14.5346, 4.8077

Complementary

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



88.2620, -17.3842, 22.5722



78.7380, 17.3842, -22.5722

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.



86.7540, 19.8413, -17.3243



88.2620, -17.3842, 22.5722



70.1800, 20.1243, -61.5479

Square

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



88.2620, -17.3842, 22.5722



81.2820, -4.5760, -25.6803



79.1700, 22.1012, -42.2451



91.4510, 6.1867, 22.4065

Rectangle

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



88.2620, -17.3842, 22.5722



85.4500, -15.9978, -2.1486



79.1700, 22.1012, -42.2451



89.3430, 16.5929, -2.0548

Sweetspot

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



88.2620, -17.3842, 22.5722



137.6330, -6.7211, 9.0919



75.0010, 5.4225, 34.2021



68.2950, -4.0894, 5.0033



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



88.2620, -17.3842, 22.5722



107.8200, -27.0263, 35.2379



105.8720, -26.0659, 7.1283



53.5550, -1.7526, 2.1443



69.3390, -34.1841, 44.4297



143.1190, -70.5577, 91.1036

Inverse Universe

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



78.7380, 17.3842, -22.5722



93.1800, 27.0263, -35.2379



61.1280, 26.0659, -7.1283



52.4450, 1.7526, -2.1443



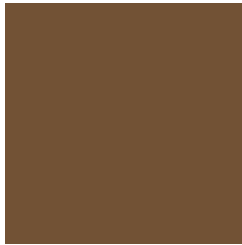
50.6610, 34.1841, -44.4297



104.4680, 70.2683, -91.6184

Previews

White Background



This preview shows how the YUV color 88.2620, -17.3842, 22.5722 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 ✓ Pass

Black Background



This preview shows how the YUV color 88.2620, -17.3842, 22.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

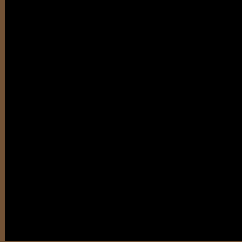
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.2620, -17.3842, 22.5722

Background



This preview shows how black text looks on a background with the YUV color 88.2620, -17.3842, 22.5722.



This preview shows how white text looks on a background with the YUV color 88.2620, -17.3842,

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

88.2620, -17.3842, 22.5722

Protanopia

87.6300, -15.5936, 8.2175

Deuteranopia

88.1150, -17.8047, 17.4391



Tritanopia

90.3450, -3.1281, 23.3764

Trichromacy



Original Color

88.2620, -17.3842, 22.5722

Protanomaly

87.5490, -16.0467, 13.5505

Deuteranomaly

88.1260, -17.8101, 19.1835

Tritanomaly

89.3790, -8.0748, 23.3466

Monochromacy



Original Color

88.2620, -17.3842, 22.5722

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0350, -6.4263, 7.8623

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2620, -17.3842, 22.5722 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(114, 82, 53)` looks like.

```
.text, #text, p{  
    color:rgb(114, 82, 53)  
}
```

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(114, 82, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 82, 53) }
```

Border

The CSS property to change the border of an element to YUV 88.2620, -17.3842, 22.5722 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(114, 82, 53) }
```


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

```
.border{ border-color:rgb(114, 82, 53) }
```

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

Here you see how a box with a 4 pixel rgb(114, 82, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 82, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 82, 53);  
box-shadow:4px 4px 4px 4px rgb(114, 82,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 88.2620, -17.3842, 22.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 82, 53) }
```

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

```
.background{ background-color: rgb(114, 82,  
53) }
```

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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