

Converting Colors

YUV(84.9620, -32.5193,
23.7123)

Have a look what the booklet for
YUV(84.9620, -32.5193, 23.7123)
contains.

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Color

**YUV(84.9620, -32.5193,
23.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	705413
RGB	112, 84, 19
RGB Percent	44%, 33%, 7%
CMY	0.5608, 0.6706, 0.9255
CMYK	0.00, 0.25, 0.83, 0.56
HSL	42°, 71%, 26%
HSV	42°, 83%, 44%
XYZ	9.9700, 9.8324, 1.9885
YIQ	84.9620, 37.5530, -14.2790

Conversions

Conversions Part 2

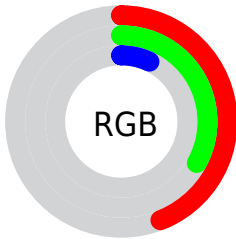
Format	Color
R_{YB}	59, 112, 19
Decimal	7361555
CIE Lab	37.54, 5.03, 39.64
CIE LCh	38, 39.960, 82.768
Yxy	9.8324, 0.4575, 0.4512
Android (android.graphics.Color)	4285551635 (0xFF705413)
YUV	84.9620, -32.5193, 23.7123
Hunter-Lab	31.3567, 1.8805, 18.1898

Details

The YUV color **84.9620, -32.5193, 23.7123** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **46.0380, 32.5193, -23.7123**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.7560, -33.4037, 27.4010**, and **40.8330, -20.1307, 16.8095** is the 20% darker color. If you saturate the color by 10%, you get **81.9470, -36.4559, 26.3565**, and if you desaturate by 10%, it is **87.9770, -28.5827, 21.0682**.

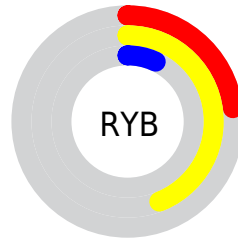
Distribution



Red (44%)

Green (33%)

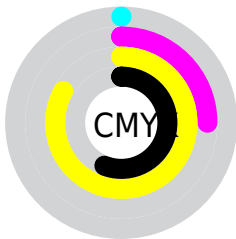
Blue (7%)



Red (23%)

Yellow (44%)

Blue (7%)

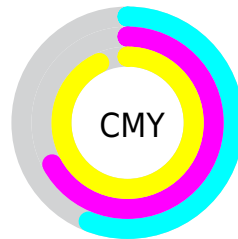


Cyan (0%)

Magenta (25%)

Yellow (83%)

Black (56%)



Cyan (56%)

Magenta (67%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9620, -32.5193, 23.7123 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 84.9620, -32.5193, 23.7123 by changing the saturation by 10% instead.

■ 84.9620, -32.5193,
23.7123

■ 84.9620, -32.5193,
23.7123

■ 255.0000, 0.0000,
0.0000

■ 61.5210, -30.3299,
21.4681

■ 135.7560,
-33.4037, 27.4010

■ 40.8330, -20.1307,
16.8095

■ 162.1260,
-34.5721, 28.8305

■ 22.2050, -10.9471,
11.2212

■ 189.6100,
-35.3037, 30.1600

■ 0.0000, 0.0000,
0.0000

■ 217.9800,
-36.4721, 31.5895

■ 237.7930,
-32.9289, 15.0905

■ 248.6160,

-24.4607, 5.5988

■ 251.8080,
-12.2303, 2.7994

■ 84.9620, -32.5193,
23.7123

■ 84.9620, -32.5193,
23.7123

■ 81.9470, -36.4559,
26.3565

■ 87.9770, -28.5827,
21.0682

■ 79.2740, -39.0821,
28.7007

■ 91.5790, -24.9354,
17.9092

■ 94.7080, -20.5620,
15.1651

■ 97.7230, -16.6254,
12.5209

■ 101.3250,
-12.9782, 9.3620

■ 104.3400, -9.0416,
6.7178

■ 107.9420, -5.3944,
3.5589

■ 111.0710, -1.0210,
0.8147

■ 114.0860, 2.9156,
-1.8294

Harmonies

Analogous

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



86.2600, -24.2852, 42.7450



84.9620, -32.5193, 23.7123



82.0190, -29.0964, -0.8937

Triad

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



84.9620, -32.5193, 23.7123



73.8160, 18.8247, -64.7366



90.9750, 18.2533, 25.4549

Complementary

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



84.9620, -32.5193, 23.7123



46.0380, 32.5193, -23.7123

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.



88.0180, 29.5711, -11.4168



84.9620, -32.5193, 23.7123



75.1330, 31.4864, -65.8916

Square

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



84.9620, -32.5193, 23.7123



69.4670, 4.6998, -60.9226



72.5060, 39.1905, -63.5878



88.5620, 4.6529, 47.7421

Rectangle

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



84.9620, -32.5193, 23.7123



79.1890, -20.3062, -20.3368



72.5060, 39.1905, -63.5878



91.2340, 22.0696, 14.7038

Sweetspot

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



84.9620, -32.5193, 23.7123



134.4390, -12.5414, 9.2620



50.1130, -1.0417, 54.2749



67.3830, -7.5838, 5.8031



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.



84.9620, -32.5193, 23.7123



103.2290, -50.8919, 36.6332



96.3150, -38.1163, -1.1533



54.1420, -2.0420, 1.6295



85.1880, -41.9977, 30.5301



175.4040, -86.4742, 62.7897

Inverse Universe

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



46.0380, 32.5193, -23.7123



42.3580, 50.6025, -37.1480



34.6850, 38.1163, 1.1533



51.8580, 2.0420, -1.6295



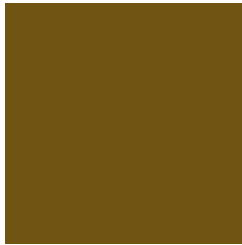
34.8120, 41.9977, -30.5301



71.5960, 86.4742, -62.7897

Previews

White Background



This preview shows how the YUV color 84.9620, -32.5193, 23.7123 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 84.9620, -32.5193, 23.7123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

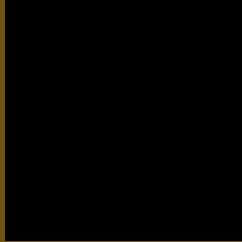
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.9620, -32.5193, 23.7123

Background



This preview shows how black text looks on a background with the YUV color 84.9620, -32.5193, 23.7123.



This preview shows how white text looks on a background with the YUV color 84.9620, -32.5193,

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

84.9620, -32.5193, 23.7123

Protanopia

84.4230, -31.7605, 13.6610

Deuteranopia

84.9620, -32.5193, 23.7123



Tritanopia

90.0460, -2.9807, 22.7617

Trichromacy



Original Color

84.9620, -32.5193, 23.7123

Protanomaly

84.4450, -31.7714, 17.1497

Deuteranomaly

84.9620, -32.5193, 23.7123

Tritanomaly

88.1850, -13.8952, 23.5168

Monochromacy



Original Color

84.9620, -32.5193, 23.7123

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2540, -11.9572, 8.5472

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9620, -32.5193, 23.7123 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(112, 84, 19)` looks like.

```
.text, #text, p{  
    color:rgb(112, 84, 19)  
}
```

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(112, 84, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 84, 19) }
```

Border

The CSS property to change the border of an element to YUV 84.9620, -32.5193, 23.7123 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(112, 84, 19) }
```


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

```
.border{ border-color:rgb(112, 84, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 84, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 84, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 84, 19);  
box-shadow:4px 4px 4px 4px rgb(112, 84,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 84.9620, -32.5193, 23.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 84, 19) }
```

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

```
.background{ background-color: rgb(112, 84,  
19) }
```

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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