

Converting Colors

YUV(84.6040, -32.8358,
31.9193)

Have a look what the booklet for
YUV(84.6040, -32.8358, 31.9193)
contains.

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Color

**YUV(84.6040, -32.8358,
31.9193)**

Conversions

Conversions Part 1

Format	Color
Hex	794F12
RGB	121, 79, 18
RGB Percent	47%, 31%, 7%
CMY	0.5255, 0.6902, 0.9294
CMYK	0.00, 0.35, 0.85, 0.53
HSL	36°, 74%, 27%
HSV	36°, 85%, 47%
XYZ	10.7903, 9.7006, 1.8760
YIQ	84.6040, 44.6130, -10.0670

Conversions

Conversions Part 2

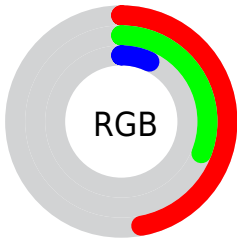
Format	Color
R_{YB}	89, 121, 18
Decimal	7950098
CIE _{Lab}	37.30, 12.36, 40.24
CIE _{LCh}	37, 42.097, 72.920
Yxy	9.7006, 0.4824, 0.4337
Android (android.graphics.Color)	4286140178 (0xFF794F12)
YUV	84.6040, -32.8358, 31.9193
Hunter-Lab	31.1458, 7.3355, 18.2309

Details

The YUV color **84.6040, -32.8358, 31.9193** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **54.3960, 32.8358, -31.9193**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6970, -33.8676, 36.2227**, and **40.8770, -20.1524, 23.7869** is the 20% darker color. If you saturate the color by 10%, you get **80.3010, -36.6304, 35.6930**, and if you desaturate by 10%, it is **88.9070, -29.0412, 28.1456**.

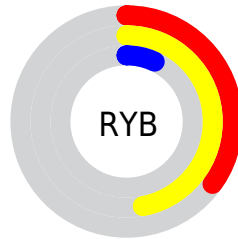
Distribution



 Red (47%)

 Green (31%)

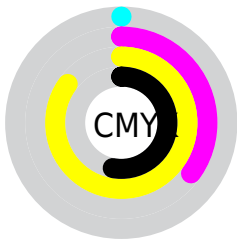
 Blue (7%)



 Red (35%)

 Yellow (47%)

 Blue (7%)

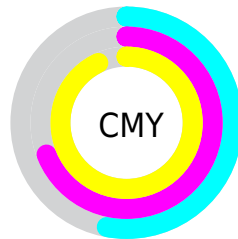



 Cyan (0%)

 Magenta (35%)

 Yellow (85%)

 Black (53%)



 Cyan (53%)

 Magenta (69%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.6040, -32.8358, 31.9193 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 84.6040, -32.8358, 31.9193 by changing the saturation by 10% instead.

84.6040, -32.8358,
31.9193

84.6040, -32.8358,
31.9193

254.8860, -0.4368,
0.1000

60.9780, -30.0622,
28.9603

135.6970,
-33.8676, 36.2227

40.8770, -20.1524,
23.7869

162.3660,
-35.1834, 38.2670

21.3630, -10.5320,
18.0986

190.1490,
-36.0625, 40.2113

0.5980, -0.2948,
1.2296

214.6430,
-35.3200, 35.3931

0.0000, 0.0000,
0.0000

234.7440,
-31.9188, 17.7645

248.3880,

-25.3343, 5.7987

■ 251.5800,
-13.1039, 2.9993

■ 84.6040, -32.8358,
31.9193

■ 84.6040, -32.8358,
31.9193

■ 80.3010, -36.6304,
35.6930

■ 88.9070, -29.0412,
28.1456

■ 78.4430, -38.6724,
37.3225

■ 93.2100, -25.2465,
24.3718

■ 97.5130, -21.4519,
20.5981

■ 101.8160,
-17.6573, 16.8244

■ 106.1190,
-13.8627, 13.0506

■ 110.5360, -9.6312,
9.1769

■ 114.8390, -5.8366,
5.4032

■ 118.5550, -1.7526,
2.1443

■ 122.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



85.5150, -20.9599, 49.5373



84.6040, -32.8358, 31.9193



81.9940, -34.5070, 7.8983

Triad

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



84.6040, -32.8358, 31.9193



72.6760, 14.4567, -63.7369



90.2880, 23.5220, 15.5334

Complementary

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



84.6040, -32.8358, 31.9193



54.3960, 32.8358, -31.9193

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.



82.6780, 35.1617, -31.2896



84.6040, -32.8358, 31.9193



75.0360, 28.5763, -65.8066

Square

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



84.6040, -32.8358, 31.9193



68.0990, -0.5418, -59.7228



74.3810, 38.7592, -65.2321



88.6200, 10.0473, 44.1833

Rectangle

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



84.6040, -32.8358, 31.9193



79.2350, -26.7379, -10.7301



74.3810, 38.7592, -65.2321



89.5360, 27.3438, 3.0379

Sweetspot

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



84.6040, -32.8358, 31.9193



143.3470, -12.9891, 12.8507



53.6990, 3.5994, 59.0230



70.3940, -7.5892, 7.5475



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



84.6040, -32.8358, 31.9193



102.4200, -50.4931, 48.7437



106.5670, -43.6635, 4.7647



59.1420, -2.0420, 1.6295



80.8130, -39.8408, 38.7520



163.3980, -80.5552, 77.7040

Inverse Universe

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



54.3960, 32.8358, -31.9193



55.5800, 50.4931, -48.7437



32.4330, 43.6635, -4.7647



57.4450, 1.7526, -2.1443



44.1870, 39.8408, -38.7520



89.1890, 80.2658, -78.2188

Previews

White Background



This preview shows how the YUV color 84.6040, -32.8358, 31.9193 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 84.6040, -32.8358, 31.9193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

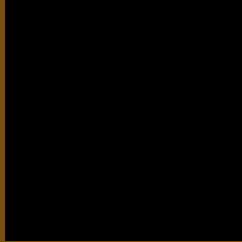
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.6040, -32.8358, 31.9193

Background



This preview shows how black text looks on a background with the YUV color 84.6040, -32.8358, 31.9193.



This preview shows how white text looks on a background with the YUV color 84.6040, -32.8358,

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

84.6040, -32.8358, 31.9193

Protanopia

83.5370, -31.3237, 13.5611

Deuteranopia

84.2070, -34.1191, 23.4975



Tritanopia

89.5200, -5.1864, 30.2390

Trichromacy



Original Color

84.6040, -32.8358, 31.9193

Protanomaly

84.0540, -32.0716, 20.1236

Deuteranomaly

84.3430, -33.6931, 26.8862

Tritanomaly

87.8870, -15.2273, 30.7941

Monochromacy



Original Color

84.6040, -32.8358, 31.9193

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9770, -11.8207, 11.4212

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.6040, -32.8358, 31.9193 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(121, 79, 18)` looks like.

```
.text, #text, p{  
    color:rgb(121, 79, 18)  
}
```

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(121, 79, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 79, 18) }
```

Border

The CSS property to change the border of an element to YUV 84.6040, -32.8358, 31.9193 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(121, 79, 18) }
```


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

```
.border{ border-color:rgb(121, 79, 18) }
```

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

Here you see how a box with a 4 pixel rgb(121, 79, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 79, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 79, 18);  
box-shadow:4px 4px 4px 4px rgb(121, 79,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 84.6040, -32.8358, 31.9193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 79, 18) }
```

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

```
.background{ background-color: rgb(121, 79,  
18) }
```

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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