

Converting Colors

YUV(91.6620, -7.2284, 31.8684)

Have a look what the booklet for
YUV(91.6620, -7.2284, 31.8684)
contains.

YUV(91.6620, -7.2284, 31.8684)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(91.6620, -7.2284,
31.8684)**

Conversions

Conversions Part 1

Format	Color
Hex	804C4D
RGB	128, 76, 77
RGB Percent	50%, 30%, 30%
CMY	0.4980, 0.7020, 0.6980
CMYK	0.00, 0.41, 0.40, 0.50
HSL	359°, 25%, 40%
HSV	359°, 41%, 50%
XYZ	12.8261, 10.2939, 8.3321
YIQ	91.6620, 30.6710, 11.3350

Conversions

Conversions Part 2

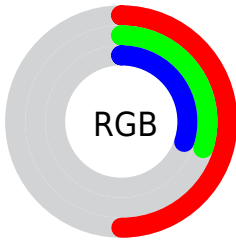
Format	Color
R_{YB}	128, 76, 77
Decimal	8408141
CIE Lab	38.36, 22.13, 8.82
CIE LCh	38, 23.824, 21.734
Yxy	10.2939, 0.4078, 0.3273
Android (android.graphics.Color)	4286598221 (0xFF804C4D)
YUV	91.6620, -7.2284, 31.8684
Hunter-Lab	32.0841, 15.2108, 7.0615

Details

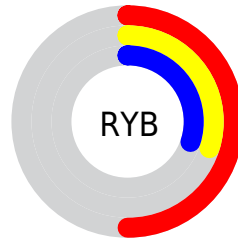
The YUV color **91.6620, -7.2284, 31.8684** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **112.3380, 7.2284, -31.8684**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0430, -8.4022, 35.0423**, and **44.0960, -5.4703, 27.9798** is the 20% darker color. If you saturate the color by 10%, you get **82.5490, -9.1447, 39.8605**, and if you desaturate by 10%, it is **100.7750, -5.3121, 23.8763**.

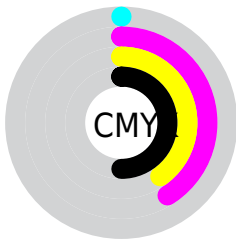
Distribution



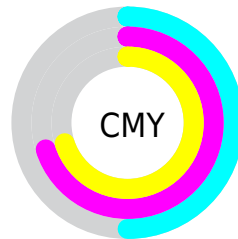
- Red (50%)
- Green (30%)
- Blue (30%)



- Red (50%)
- Yellow (30%)
- Blue (30%)



- Cyan (0%)
- Magenta (41%)
- Yellow (40%)
- Black (50%)



- Cyan (50%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.6620, -7.2284, 31.8684 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 91.6620, -7.2284, 31.8684 by changing the saturation by 10% instead.

91.6620, -7.2284,
31.8684

91.6620, -7.2284,
31.8684

255.0000, 0.0000,
0.0000

67.7650, -6.7861,
30.0241

143.0430, -8.4022,
35.0423

44.0960, -5.4703,
27.9798

169.6410, -8.6970,
36.2718

21.3840, -5.6123,
26.8502

197.1250, -9.4286,
37.6014

8.4860, -3.6906,
17.1138

220.6510, -7.2229,
30.1241

0.0000, 0.0000,
0.0000

240.8660, -3.3849,
12.3955

■ 91.6620, -7.2284,
31.8684

■ 91.6620, -7.2284,
31.8684

■ 82.5490, -9.1447,
39.8605

■ 100.7750, -5.3121,
23.8763

■ 73.5500, -10.6241,
47.7527

■ 109.7740, -3.8326,
15.9842

■ 65.0240, -12.8298,
55.2300

■ 118.3000, -1.6269,
8.5069

■ 56.0250, -14.3093,
63.1221

■ 127.2990, -0.1474,
0.6148

■ 46.9120, -16.2256,
71.1142

■ 136.4120, 1.7689,
-7.3773

■ 38.5000, -17.9945,
78.4915

■ 145.4110, 3.2484,
-15.2694

■ 154.5240, 5.1647,
-23.2615

■ 162.9360, 6.9336,

-30.6389

■ 172.0490, 8.8498,
-38.6310

Harmonies

Analogous

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



92.6320, 1.6604, 27.5097



91.6620, -7.2284, 31.8684



90.9790, -14.7796, 27.2054

Triad

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



91.6620, -7.2284, 31.8684



85.0830, -9.4079, -15.8588



85.6170, 20.8948, -28.6051

Complementary

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



91.6620, -7.2284, 31.8684



112.3380, 7.2284, -31.8684

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.



76.5880, 21.4021, -51.3817



91.6620, -7.2284, 31.8684



80.5350, 1.7082, -34.6722

Square

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



91.6620, -7.2284, 31.8684



87.3580, -16.4455, 1.4400



75.0300, 14.2822, -54.4003



90.8480, 17.3299, -5.1287

Rectangle

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



91.6620, -7.2284, 31.8684



89.8380, -17.6681, 20.3131



75.0300, 14.2822, -54.4003



83.0890, 21.6481, -36.9121

Sweetspot

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



91.6620, -7.2284, 31.8684



151.9800, -2.9481, 12.2955



96.8780, 15.3431, 25.5400



75.7020, -1.3321, 7.2773



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



91.6620, -7.2284, 31.8684



109.3330, -11.5032, 49.6970



105.6360, -14.6105, 19.6132



59.0930, -1.0318, 4.3034



38.5000, -17.9945, 78.4915



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.6620, -7.2284, 31.8684



109.3330, -11.5032, 49.6970



98.3640, 14.6105, -19.6132



59.0930, -1.0318, 4.3034



38.5000, -17.9945, 78.4915



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 91.6620, -7.2284, 31.8684 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 91.6620, -7.2284, 31.8684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

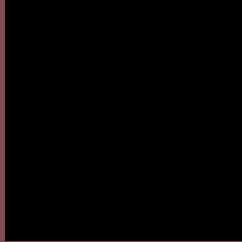
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.6620, -7.2284, 31.8684

Background



This preview shows how black text looks on a background with the YUV color 91.6620, -7.2284, 31.8684.



This preview shows how white text looks on a background with the YUV color 91.6620, -7.2284,

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

91.6620, -7.2284, 31.8684

Protanopia

90.5120, -3.2104, 3.0590

Deuteranopia

91.0140, -7.8949, 12.2657



Tritanopia

91.5310, -5.1918, 31.9833

Trichromacy



Original Color

91.6620, -7.2284, 31.8684

Protanomaly

90.8230, -4.8427, 13.3102

Deuteranomaly

91.1720, -7.4798, 19.1432

Tritanomaly

91.4170, -5.6286, 32.0833

Monochromacy



Original Color

91.6620, -7.2284, 31.8684

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7950, -2.3639, 11.5808

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.6620, -7.2284, 31.8684 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(128, 76, 77)` looks like.

```
.text, #text, p{  
    color:rgb(128, 76, 77)  
}
```

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(128, 76, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 76, 77) }
```

Border

The CSS property to change the border of an element to YUV 91.6620, -7.2284, 31.8684 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(128, 76, 77) }
```


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

```
.border{ border-color:rgb(128, 76, 77) }
```

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

Here you see how a box with a 4 pixel rgb(128, 76, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 76, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 76, 77);  
box-shadow:4px 4px 4px 4px rgb(128, 76,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 91.6620, -7.2284, 31.8684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 76, 77) }
```

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

```
.background{ background-color: rgb(128, 76,  
77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor