

Converting Colors

YUV(99.8810, -29.5213,
42.2004)

Have a look what the booklet for
YUV(99.8810, -29.5213, 42.2004)
contains.

YUV(99.8810, -29.5213, 42.2004)	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(99.8810, -29.5213,
42.2004)**

Conversions

Conversions Part 1

Format	Color
Hex	945728
RGB	148, 87, 40
RGB Percent	58%, 34%, 16%
CMY	0.4196, 0.6588, 0.8431
CMYK	0.00, 0.41, 0.73, 0.42
HSL	26°, 57%, 37%
HSV	26°, 73%, 58%
XYZ	16.0039, 13.2655, 3.7245
YIQ	99.8810, 51.4430, -1.6850

Conversions

Conversions Part 2

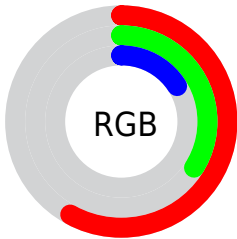
Format	Color
R_{YB}	148, 123, 40
Decimal	9721640
CIE _{Lab}	43.16, 21.10, 37.08
CIE _{LCh}	43, 42.660, 60.360
Yxy	13.2655, 0.4851, 0.4021
Android (android.graphics.Color)	4287911720 (0xFF945728)
YUV	99.8810, -29.5213, 42.2004
Hunter-Lab	36.4218, 14.6957, 19.4323

Details

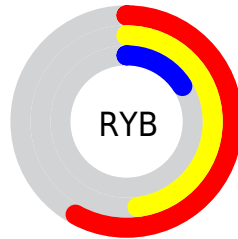
The YUV color **99.8810, -29.5213, 42.2004** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **88.1190, 29.5213, -42.2004**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0450, -31.5742, 47.3185**, and **51.8740, -25.5739, 36.0675** is the 20% darker color. If you saturate the color by 10%, you get **93.4750, -33.7582, 47.8184**, and if you desaturate by 10%, it is **106.2870, -25.2845, 36.5823**.

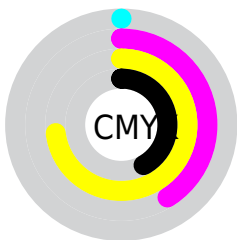
Distribution



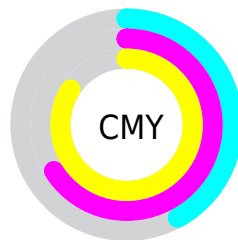
- Red (58%)
- Green (34%)
- Blue (16%)



- Red (58%)
- Yellow (48%)
- Blue (16%)



- Cyan (0%)
- Magenta (41%)
- Yellow (73%)
- Black (42%)



- Cyan (42%)
- Magenta (66%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.8810, -29.5213, 42.2004 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 99.8810, -29.5213, 42.2004 by changing the saturation by 10% instead.

■ 99.8810, -29.5213,
42.2004

■ 99.8810, -29.5213,
42.2004

255.0000, 0.0000,
0.0000

■ 74.7990, -28.4949,
39.6413

■ 152.0450,
-31.5742, 47.3185

■ 51.8740, -25.5739,
36.0675

■ 179.7140,
-32.8900, 49.3628

■ 30.5880, -15.0799,
30.1793

■ 204.0940,
-32.5843, 44.6446

■ 12.2590, -6.0437,
25.2059

■ 223.6080,
-28.8937, 27.5308

■ 0.0000, 0.0000,
0.0000

■ 243.2360,
-24.7663, 10.3170

■ 251.1240,

-14.8511, 3.3993

254.3160, -2.6208,
0.5999

99.8810, -29.5213,
42.2004

99.8810, -29.5213,
42.2004

93.4750, -33.7582,
47.8184

106.2870,
-25.2845, 36.5823

86.4820, -37.7056,
53.9513

113.2800,
-21.3370, 30.4494

81.8200, -40.3373,
58.0399

119.5720,
-17.5370, 24.9314

125.9780,
-13.3002, 19.3133

132.9710, -9.3527,
13.1804

■ 139.3770, -5.1159,
7.5624

■ 146.3700, -1.1684,
1.4295

■ 152.6620, 2.6316,
-4.0886

■ 159.0680, 6.8685,
-9.7066

Harmonies

Analogous

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



100.2260, -15.8874, 55.9298



99.8810, -29.5213, 42.2004



97.4300, -35.7080, 19.7939

Triad

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



99.8810, -29.5213, 42.2004



81.3670, 9.6791, -71.3589



103.3830, 29.3912, -0.3359

Complementary

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



99.8810, -29.5213, 42.2004



88.1190, 29.5213, -42.2004

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.



82.5420, 44.5958, -70.6353



99.8810, -29.5213, 42.2004



85.4710, 25.4038, -74.9581

Square

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



99.8810, -29.5213, 42.2004



85.3690, -10.0419, -45.9276



85.5000, 38.2075, -74.9835



104.7590, 15.8948, 35.2914

Rectangle

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



99.8810, -29.5213, 42.2004



95.5310, -32.3068, 2.1653



85.5000, 38.2075, -74.9835



100.9080, 33.0764, -15.7053

Sweetspot

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



99.8810, -29.5213, 42.2004



172.1240, -11.4001, 16.5543



79.2460, 10.7247, 60.2973



85.9320, -6.8685, 9.7066



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.



99.8810, -29.5213, 42.2004



116.0830, -45.8899, 65.7022



131.5790, -45.1484, 14.4012



70.8540, -1.9000, 2.7590



76.4820, -37.7056, 53.9513



5.3380, -2.6316, 4.0886

Inverse Universe

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



88.1190, 29.5213, -42.2004



97.9170, 45.8899, -65.7022



56.4210, 45.1484, -14.4012



70.1460, 1.9000, -2.7590



61.5180, 37.7056, -53.9513



4.6620, 2.6316, -4.0886

Previews

White Background



This preview shows how the YUV color 99.8810, -29.5213, 42.2004 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 99.8810, -29.5213, 42.2004 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 99.8810, -29.5213, 42.2004

Background



This preview shows how black text looks on a background with the YUV color 99.8810, -29.5213, 42.2004.



This preview shows how white text looks on a background with the YUV color 99.8810, -29.5213,

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

99.8810, -29.5213, 42.2004

Protanopia

99.6770, -26.9558, 12.5613

Deuteranopia

99.4290, -30.7775, 25.0568



Tritanopia

103.3150, -7.5503, 41.8197

Trichromacy



Original Color

99.8810, -29.5213, 42.2004

Protanomaly

99.5150, -27.8619, 23.2273

Deuteranomaly

99.2880, -30.2150, 31.3194

Tritanomaly

102.2520, -15.4072, 41.8750

Monochromacy



Original Color

99.8810, -29.5213, 42.2004

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.6400, -10.6685, 15.2247

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8810, -29.5213, 42.2004 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(148, 87, 40)` looks like.

```
.text, #text, p{  
    color:rgb(148, 87, 40)  
}
```

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(148, 87, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 87, 40) }
```

Border

The CSS property to change the border of an element to YUV 99.8810, -29.5213, 42.2004 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(148, 87, 40) }
```


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

```
.border{ border-color:rgb(148, 87, 40) }
```

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

Here you see how a box with a 4 pixel rgb(148, 87, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 87, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 87, 40);  
box-shadow:4px 4px 4px 4px rgb(148, 87,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 99.8810, -29.5213, 42.2004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 87, 40) }
```

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

```
.background{ background-color: rgb(148, 87,  
40) }
```

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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