

Converting Colors

YUV(107.9860, -28.5871,
69.2953)

Have a look what the booklet for
YUV(107.9860, -28.5871, 69.2953)
contains.

YUV(107.9860, -28.5871, 69.2953)	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(107.9860, -28.5871,
69.2953)**

Conversions

Conversions Part 1

Format	Color
Hex	BB4F32
RGB	187, 79, 50
RGB Percent	73%, 31%, 20%
CMY	0.2667, 0.6902, 0.8039
CMYK	0.00, 0.58, 0.73, 0.27
HSL	13°, 58%, 46%
HSV	13°, 73%, 73%
XYZ	23.8652, 16.3870, 4.9228
YIQ	107.9860, 73.6770, 13.8770

Conversions

Conversions Part 2

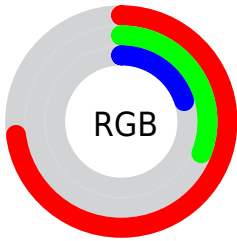
Format	Color
R_{YB}	187, 87, 50
Decimal	12275506
CIE _{Lab}	47.48, 41.82, 38.20
CIE _{LCh}	47, 56.641, 42.404
Yxy	16.3870, 0.5283, 0.3627
Android (android.graphics.Color)	4290465586 (0xFFBB4F32)
YUV	107.9860, -28.5871, 69.2953
Hunter-Lab	40.4809, 34.3917, 21.1265

Details

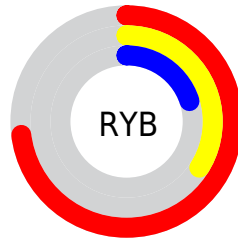
The YUV color **107.9860, -28.5871, 69.2953** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **129.0140, 28.5871, -69.2953**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5200, -31.8084, 75.8430**, and **53.6910, -24.4977, 64.2920** is the 20% darker color. If you saturate the color by 10%, you get **97.0150, -32.5454, 78.9168**, and if you desaturate by 10%, it is **118.9570, -24.6288, 59.6737**.

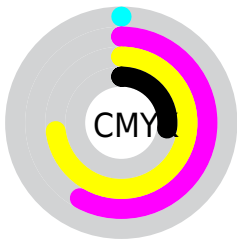
Distribution



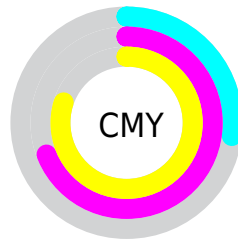
- Red (73%)
- Green (31%)
- Blue (20%)



- Red (73%)
- Yellow (34%)
- Blue (20%)



- Cyan (0%)
- Magenta (58%)
- Yellow (73%)
- Black (27%)



- Cyan (27%)
- Magenta (69%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.9860, -28.5871, 69.2953 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 107.9860, -28.5871, 69.2953 by changing the saturation by 10% instead.


 107.9860,
-28.5871, 69.2953


 107.9860,
-28.5871, 69.2953


255.0000, 0.0000,
0.0000


 81.1320, -26.6871,
66.5362


 162.5200,
-31.8084, 75.8430


 53.6910, -24.4977,
64.2920


 183.0130,
-29.5864, 63.1326


 29.3020, -14.4459,
60.2481

 202.4130,
-26.3326, 46.1188

 20.6310, -10.1711,
42.4196

 221.9270,
-22.6420, 29.0050

 12.9710, -5.9017,
26.3354

 242.1420,
-18.8040, 11.2765

 0.0000, 0.0000,
0.0000

 252.3780,

-10.0464, 2.2995

■ 107.9860,
-28.5871, 69.2953

■ 107.9860,
-28.5871, 69.2953

■ 97.0150, -32.5454,
78.9168

■ 118.9570,
-24.6288, 59.6737

■ 86.7450, -36.3563,
87.9236

■ 129.2270,
-20.8179, 50.6669

■ 79.3930, -39.1407,
94.3713

■ 140.1980,
-16.8596, 41.0454

■ 151.1690,
-12.9013, 31.4238

■ 162.0260, -9.3798,
21.9022

■ 172.4100, -5.1321,
12.7954

■ 183.3810, -1.1738,
3.1739

■ 194.3520, 2.7845,
-6.4477

■ 205.2090, 6.3060,
-15.9693

Harmonies

Analogous

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



107.0130, -5.9224, 79.7956



107.9860, -28.5871, 69.2953



106.5120, -50.0454, 45.1550

Triad

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



107.9860, -28.5871, 69.2953



87.4190, -2.6716, -76.6665



100.5900, 51.9671, -54.8914

Complementary

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



107.9860, -28.5871, 69.2953



129.0140, 28.5871, -69.2953

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.



97.2180, 52.6435, -85.2602



107.9860, -28.5871, 69.2953



94.2930, 18.5896, -82.6950

Square

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



107.9860, -28.5871, 69.2953



97.0770, -30.6040, -30.7625



98.1350, 38.3874, -86.0644



115.9540, 33.5467, 20.2113

Rectangle

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



107.9860, -28.5871, 69.2953



105.2120, -51.8695, 23.4931



98.1350, 38.3874, -86.0644



92.3910, 56.9952, -81.0269

Sweetspot

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



107.9860, -28.5871, 69.2953



211.3040, -10.9959, 26.9204



103.5030, 27.8530, 73.2269



103.7910, -6.3060, 15.9693



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



107.9860, -28.5871, 69.2953



119.1020, -44.4203, 107.7815



147.3150, -47.9763, 34.8037



88.8650, -1.9054, 4.5034



66.6130, -32.8402, 80.1464



12.7910, -6.3060, 15.9693

Inverse Universe

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



129.0140, 28.5871, -69.2953



151.8980, 44.4203, -107.7815



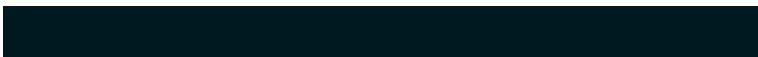
89.6850, 47.9763, -34.8037



90.1350, 1.9054, -4.5034



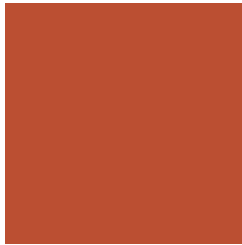
91.3870, 32.8402, -80.1464



17.6220, 6.5954, -15.4545

Previews

White Background



This preview shows how the YUV color 107.9860, -28.5871, 69.2953 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 107.9860, -28.5871, 69.2953 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 107.9860, -28.5871, 69.2953

Background



This preview shows how black text looks on a background with the YUV color 107.9860, -28.5871, 69.2953.



This preview shows how white text looks on a background with the YUV color 107.9860, -28.5871,

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

107.9860, -28.5871, 69.2953

Protanopia

110.6600, -24.4824, 12.5762

Deuteranopia

110.4570, -33.2563, 26.7862



Tritanopia

109.3570, -14.4730, 68.9699

Trichromacy



Original Color

107.9860, -28.5871, 69.2953

Protanomaly

110.0370, -26.1472, 33.2936

Deuteranomaly

109.4250, -31.2685, 42.6003

Tritanomaly

108.6900, -19.5672, 69.5549

Monochromacy



Original Color

107.9860, -28.5871, 69.2953

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8200, -10.2643, 25.5909

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9860, -28.5871, 69.2953 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(187, 79, 50)` looks like.

```
.text, #text, p{  
    color:rgb(187, 79, 50)  
}
```

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(187, 79, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 79, 50) }
```

Border

The CSS property to change the border of an element to YUV 107.9860, -28.5871, 69.2953 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(187, 79, 50) }
```


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

```
.border{ border-color:rgb(187, 79, 50) }
```

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

Here you see how a box with a 4 pixel rgb(187, 79, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 79, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 79, 50);  
box-shadow:4px 4px 4px 4px rgb(187, 79,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 107.9860, -28.5871, 69.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 79, 50) }
```

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

```
.background{ background-color: rgb(187, 79,  
50) }
```

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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