

Converting Colors

YUV(128.9410, -47.2989,
50.9177)

Have a look what the booklet for
YUV(128.9410, -47.2989, 50.9177)
contains.

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Color

**YUV(128.9410, -47.2989,
50.9177)**

Conversions

Conversions Part 1

Format	Color
Hex	BB7621
RGB	187, 118, 33
RGB Percent	73%, 46%, 13%
CMY	0.2667, 0.5373, 0.8706
CMYK	0.00, 0.37, 0.82, 0.27
HSL	33°, 70%, 43%
HSV	33°, 82%, 73%
XYZ	27.2465, 23.6315, 4.5641
YIQ	128.9410, 68.4090, -11.8070

Conversions

Conversions Part 2

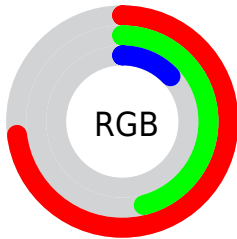
Format	Color
RYB	158, 187, 33
Decimal	12285473
CIELab	55.72, 20.56, 54.17
CIElCh	56, 57.944, 69.221
Yxy	23.6315, 0.4914, 0.4262
Android (android.graphics.Color)	4290475553 (0xFFBB7621)
YUV	128.9410, -47.2989, 50.9177
Hunter-Lab	48.6122, 14.9754, 28.4619

Details

The YUV color **128.9410, -47.2989, 50.9177** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **91.0590, 47.2989, -50.9177**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6320, -48.6256, 56.4507**, and **78.7750, -38.8361, 43.1703** is the 20% darker color. If you saturate the color by 10%, you get **122.0790, -53.2829, 56.9357**, and if you desaturate by 10%, it is **135.8030, -41.3149, 44.8998**.

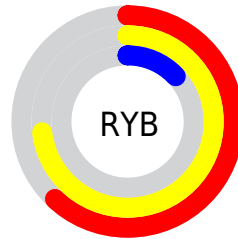
Distribution



Red (73%)

Green (46%)

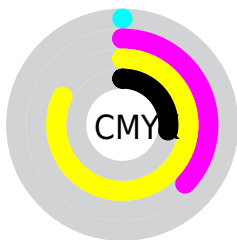
Blue (13%)



Red (62%)

Yellow (73%)

Blue (13%)

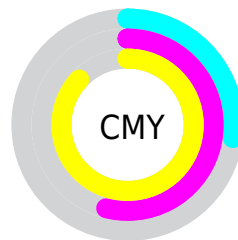


Cyan (0%)

Magenta (37%)

Yellow (82%)

Black (27%)



Cyan (27%)

Magenta (54%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.9410, -47.2989, 50.9177 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 128.9410, -47.2989, 50.9177 by changing the saturation by 10% instead.

■ 128.9410,
-47.2989, 50.9177

■ 128.9410,
-47.2989, 50.9177

■ 255.0000, 0.0000,
0.0000

■ 101.5340,
-50.0563, 48.6437

■ 183.6320,
-48.6256, 56.4507

■ 78.7750, -38.8361,
43.1703

■ 205.1250,
-46.4036, 43.7404

■ 57.4890, -28.3421,
37.2821

■ 224.6390,
-42.7130, 26.6266

■ 36.2030, -17.8481,
31.3940

■ 244.1530,
-39.0224, 9.5128

■ 15.5150, -7.6489,
26.7353

■ 247.9320,
-27.0815, 6.1986

■ 1.4950, -0.7370,
3.0739

■ 251.1240,

■ 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 128.9410,
-47.2989, 50.9177

■ 128.9410,
-47.2989, 50.9177

■ 122.0790,
-53.2829, 56.9357

■ 135.8030,
-41.3149, 44.8998

■ 116.3740,
-57.3724, 61.9390

■ 143.1380,
-36.0570, 38.4670

■ 150.0000,
-30.0730, 32.4490

■ 157.4490,
-24.3784, 25.9162

■ 164.3110,
-18.3943, 19.8983

■ 171.0590,
-12.8471, 13.9803

■ 178.5080, -7.1524,
7.4475

■ 185.3700, -1.1684,
1.4295

■ 192.1180, 4.3788,
-4.4885

Harmonies

Analogous

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



129.7310, -28.4614, 75.6579



128.9410, -47.2989, 50.9177



125.1250, -53.3056, 17.4304

Triad

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



128.9410, -47.2989, 50.9177



109.0310, 19.2117, -95.6202



137.1430, 36.9045, 16.5376

Complementary

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



128.9410, -47.2989, 50.9177



91.0590, 47.2989, -50.9177

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.



119.8710, 55.7726, -62.1539



128.9410, -47.2989, 50.9177



113.9160, 40.4674, -99.9043

Square

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



128.9410, -47.2989, 50.9177



101.9290, -2.9230, -89.3917



112.7540, 56.3233, -98.8853



134.9780, 17.2658, 62.2863

Rectangle

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



128.9410, -47.2989, 50.9177



122.1090, -42.4517, -10.6196



112.7540, 56.3233, -98.8853



135.2050, 42.7899, -4.5648

Sweetspot

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



128.9410, -47.2989, 50.9177



219.3110, -18.3943, 19.8983



86.9120, 7.4384, 87.7772



108.5040, -11.0945, 11.8360



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.



128.9410, -47.2989, 50.9177



151.8310, -73.8667, 79.0782



167.0520, -66.0876, 10.4784



90.6260, -2.7736, 2.9590



98.3110, -48.4673, 52.3473



19.2480, -9.4893, 10.3065

Inverse Universe

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



91.0590, 47.2989, -50.9177



92.7560, 73.5773, -79.5930



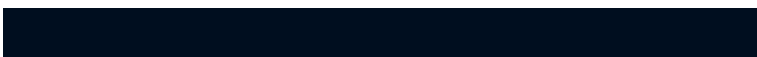
52.9480, 66.0876, -10.4784



88.3740, 2.7736, -2.9590



59.6890, 48.4673, -52.3473



11.7520, 9.4893, -10.3065

Previews

White Background



This preview shows how the YUV color 128.9410, -47.2989, 50.9177 looks on a white 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

Black Background



This preview shows how the YUV color 128.9410, -47.2989, 50.9177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

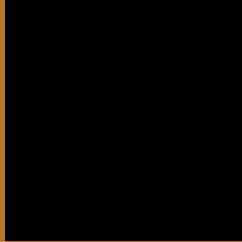
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.9410, -47.2989, 50.9177

Background



This preview shows how black text looks on a background with the YUV color 128.9410, -47.2989, 50.9177.



This preview shows how white text looks on a background with the YUV color 128.9410, -47.2989, 50.9177.

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

128.9410, -47.2989, 50.9177

Protanopia

127.7260, -44.7279, 19.5343

Deuteranopia

128.3860, -48.9973, 35.6185



Tritanopia

135.1310, -8.4456, 48.9971

Trichromacy



Original Color

128.9410, -47.2989, 50.9177

Protanomaly

127.9770, -45.3447, 30.7152

Deuteranomaly

128.8320, -48.7242, 41.3663

Tritanomaly

133.0590, -22.7071, 49.9373

Monochromacy



Original Color

128.9410, -47.2989, 50.9177

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9410, -17.2259, 18.4687

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.9410, -47.2989, 50.9177 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, 118, 33)` looks like.

```
.text, #text, p{  
    color:rgb(187, 118, 33)  
}
```

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, 118, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 118, 33) }
```

Border

The CSS property to change the border of an element to YUV 128.9410, -47.2989, 50.9177 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, 118, 33) }
```


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

```
.border{ border-color:rgb(187, 118, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 118, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 118, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 118, 33);  
box-shadow:4px 4px 4px 4px rgb(187, 118,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 128.9410, -47.2989, 50.9177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 118, 33) }
```

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

```
.background{ background-color: rgb(187,  
118, 33) }
```

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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