

Converting Colors

YUV(128.2890, -45.4985,
-13.4085)

Have a look what the booklet for
YUV(128.2890, -45.4985, -13.4085)
contains.

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Color

**YUV(128.2890, -45.4985,
-13.4085)**

Conversions

Conversions Part 1

Format	Color
Hex	719A24
RGB	113, 154, 36
RGB Percent	44%, 60%, 14%
CMY	0.5569, 0.3961, 0.8588
CMYK	0.27, 0.00, 0.77, 0.40
HSL	81°, 62%, 37%
HSV	81°, 77%, 60%
XYZ	18.6841, 26.7493, 5.8474
YIQ	128.2890, 13.4420, -45.3900

Conversions

Conversions Part 2

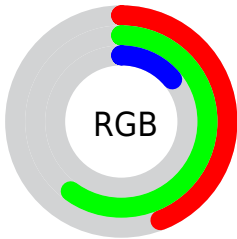
Format	Color
RYB	36, 154, 77
Decimal	7445028
CIELab	58.74, -31.44, 53.41
CIELCh	59, 61.974, 120.482
Yxy	26.7493, 0.3643, 0.5216
Android (android.graphics.Color)	4285635108 (0xFF719A24)
YUV	128.2890, -45.4985, -13.4085
Hunter-Lab	51.7197, -26.0252, 29.5005

Details

The YUV color **128.2890, -45.4985, -13.4085** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **61.7110, 45.4985, 13.4085**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1750, -45.9353, -13.3085**, and **78.4010, -38.6517, -16.1377** is the 20% darker color. If you saturate the color by 10%, you get **125.0840, -51.3134, -14.9827**, and if you desaturate by 10%, it is **131.4940, -39.6835, -11.8342**.

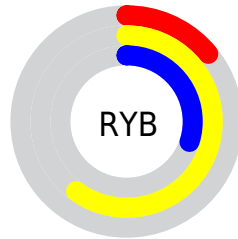
Distribution



Red (44%)

Green (60%)

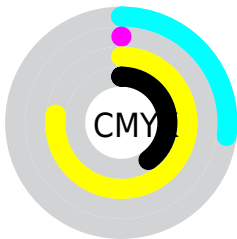
Blue (14%)



Red (14%)

Yellow (60%)

Blue (30%)

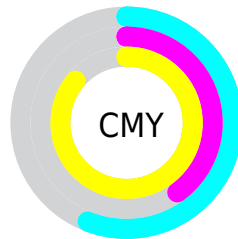


Cyan (27%)

Magenta (0%)

Yellow (77%)

Black (40%)



Cyan (56%)

Magenta (40%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.2890, -45.4985, -13.4085 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 128.2890, -45.4985, -13.4085 by changing the saturation by 10% instead.

■ 128.2890,
-45.4985, -13.4085

■ 128.2890,
-45.4985, -13.4085

■ 255.0000, 0.0000,
0.0000

■ 100.8500,
-49.7190, -13.0234

■ 183.1750,
-45.9353, -13.3085

■ 78.4010, -38.6517,
-16.1377

■ 211.0610,
-46.3721, -13.2085

■ 55.6530, -27.4369,
-19.8667

■ 233.3760,
-44.0624, -7.3458

■ 32.2850, -15.9165,
-28.3139

■ 245.4240,
-36.6910, 8.3982

■ 20.5450, -10.1287,
-18.0180

■ 248.6160,
-24.4607, 5.5988

■ 0.0000, 0.0000,
0.0000

■ 251.9220,

-11.7935, 2.6994

■ 128.2890,
-45.4985, -13.4085

■ 128.2890,
-45.4985, -13.4085

■ 125.0840,
-51.3134, -14.9827

■ 131.4940,
-39.6835, -11.8342

■ 121.4660,
-57.4177, -17.0717

■ 135.1120,
-33.5792, -9.7452

■ 120.2980,
-59.3069, -17.8013

■ 138.3170,
-27.7643, -8.1710

■ 141.6360,
-21.5125, -6.6968

■ 145.1400,
-15.8450, -4.5078

■ 148.3450,
-10.0301, -2.9336

■ 151.6640, -3.7784,
-1.4593

■ 155.1680, 1.8892,
0.7297

■ 158.4870, 8.1409,
2.2039

Harmonies

Analogous

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



132.5520, -60.9111, 30.2109



128.2890, -45.4985, -13.4085



105.3710, -10.0429, -92.4104

Triad

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



128.2890, -45.4985, -13.4085



120.7100, 56.3450, -105.8627



137.9350, 2.4970, 86.0030

Complementary

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



128.2890, -45.4985, -13.4085



61.7110, 45.4985, 13.4085

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.



144.1110, 25.5813, 55.1537



128.2890, -45.4985, -13.4085



114.7890, 66.6590, -100.6700

Square

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



128.2890, -45.4985, -13.4085



119.6720, 37.1367, -104.9523



143.0250, 45.8367, -1.7759



136.7630, -23.5472, 86.1538

Rectangle

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



128.2890, -45.4985, -13.4085



111.3500, 5.2505, -97.6539



143.0250, 45.8367, -1.7759



139.9540, 10.3757, 78.9703

Sweetspot

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



128.2890, -45.4985, -13.4085



190.9720, -17.7342, -5.2374



94.1750, -28.6803, 52.4665



95.7040, -11.1931, -3.2484



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



128.2890, -45.4985, -13.4085



160.7740, -71.3736, -20.8498



111.2460, -37.0963, -48.4507



75.1910, -3.0522, -1.0445



109.6880, -54.0762, -15.5124



10.0230, -4.9413, -1.7742

Inverse Universe

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



61.7110, 45.4985, 13.4085



56.5250, 71.2262, 21.4646



78.7540, 37.0963, 48.4507



70.8090, 3.0522, 1.0445



30.6110, 53.9288, 16.1272



2.6780, 5.0887, 1.1594

Previews

White Background



This preview shows how the YUV color 128.2890, -45.4985, -13.4085 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 128.2890, -45.4985, -13.4085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

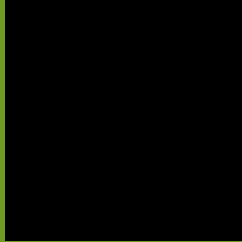
Any Text WCAG AA ✓ Pass

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 128.2890, -45.4985, -13.4085 Background



This preview shows how black text looks on a background with the YUV color 128.2890, -45.4985, -13.4085.



This preview shows how white text looks on a background with the YUV color 128.2890, -45.4985, -13.4085.

-13.4085.

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

128.2890, -45.4985, -13.4085

Protanopia

133.7710, -49.6801, 21.2488

Deuteranopia

136.4120, -45.0661, 34.7187



Tritanopia

140.1710, 7.3107, -11.5510

Trichromacy



Original Color

128.2890, -45.4985, -13.4085

Protanomaly

132.0360, -48.3317, 8.7384

Deuteranomaly

133.3020, -45.0119, 17.2751

Tritanomaly

136.1220, -11.8921, -12.3850

Monochromacy



Original Color

128.2890, -45.4985, -13.4085

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0260, -16.2818, -4.4078

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2890, -45.4985, -13.4085 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(113, 154, 36)` looks like.

```
.text, #text, p{  
    color:rgb(113, 154, 36)  
}
```

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(113, 154, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 154, 36) }
```

Border

The CSS property to change the border of an element to YUV 128.2890, -45.4985, -13.4085 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(113, 154, 36) }
```


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

```
.border{ border-color:rgb(113, 154, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 154, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 154, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 154, 36);  
box-shadow:4px 4px 4px 4px rgb(113, 154,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 128.2890, -45.4985, -13.4085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 154, 36) }
```

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

```
.background{ background-color: rgb(113,  
154, 36) }
```

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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