

Converting Colors

YUV(59.2830, -22.8175, -8.1412)

Have a look what the booklet for
YUV(59.2830, -22.8175, -8.1412)
contains.

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Color

**YUV(59.2830, -22.8175,
-8.1412)**

Conversions

Conversions Part 1

Format	Color
Hex	32490D
RGB	50, 73, 13
RGB Percent	20%, 29%, 5%
CMY	0.8039, 0.7137, 0.9490
CMYK	0.32, 0.00, 0.82, 0.71
HSL	83°, 70%, 17%
HSV	83°, 82%, 29%
XYZ	3.7706, 5.4723, 1.2383
YIQ	59.2830, 5.5520, -23.5360

Conversions

Conversions Part 2

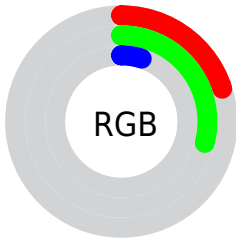
Format	Color
RYB	13, 73, 36
Decimal	3295501
CIELab	28.04, -19.30, 30.95
CIElCh	28, 36.479, 121.944
Yxy	5.4723, 0.3597, 0.5221
Android (android.graphics.Color)	4281485581 (0xFF32490D)
YUV	59.2830, -22.8175, -8.1412
Hunter-Lab	23.3929, -12.1659, 13.2365

Details

The YUV color **59.2830, -22.8175, -8.1412** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **26.7170, 22.8175, 8.1412**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.0550, -23.6911, -7.9412**, and **17.6100, -8.6817, -15.4440** is the 20% darker color. If you saturate the color by 10%, you get **57.5880, -25.4329, -9.2857**, and if you desaturate by 10%, it is **60.9780, -20.2022, -6.9967**.

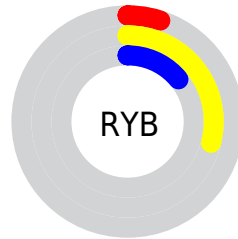
Distribution



Red (20%)

Green (29%)

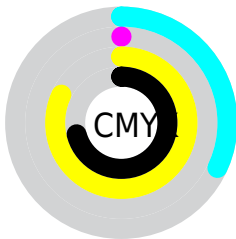
Blue (5%)



Red (5%)

Yellow (29%)

Blue (14%)

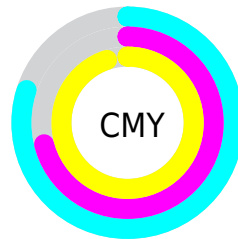


Cyan (32%)

Magenta (0%)

Yellow (82%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2830, -22.8175, -8.1412 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 59.2830, -22.8175, -8.1412 by changing the saturation by 10% instead.

■ 59.2830, -22.8175,
-8.1412

■ 59.2830, -22.8175,
-8.1412

■ 253.8600, -4.3680,
0.9998

■ 38.0210, -18.7444,
-7.9114

■ 108.0550,
-23.6911, -7.9412

■ 17.6100, -8.6817,
-15.4440

■ 133.5280,
-24.4173, -8.3561

■ 0.0000, 0.0000,
0.0000


■ 159.7130,
-25.0015, -7.6413


■ 187.1860,
-25.7277, -8.0561


■ 214.9580,
-26.6013, -7.8562


■ 241.0830,


-26.1699, -6.2118


 250.5540,
-17.0351, 3.8991


 59.2830, -22.8175,
-8.1412


 59.2830, -22.8175,
-8.1412


 57.5880, -25.4329,
-9.2857


 60.9780, -20.2022,
-6.9967

 56.3060, -27.7589,
-9.9154

 62.7870, -17.1500,
-5.9522

 64.1830, -14.3872,
-5.4225

 65.8780, -11.7719,
-4.2780

 67.5730, -9.1565,
-3.1335

■ 69.3820, -6.1043,
-2.0890

■ 71.0770, -3.4890,
-0.9445

■ 72.4730, -0.7262,
-0.4148

■ 74.2820, 2.3260,
0.6297

Harmonies

Analogous

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



61.7050, -29.4346, 14.2907



59.2830, -22.8175, -8.1412



49.5310, -5.6848, -43.4387

Triad

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



59.2830, -22.8175, -8.1412



57.7220, 28.2381, -50.6222



64.5140, 0.7326, 45.1532

Complementary

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



59.2830, -22.8175, -8.1412



26.7170, 22.8175, 8.1412

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.



67.2160, 12.7115, 29.6286



59.2830, -22.8175, -8.1412



54.4110, 33.3214, -47.7184

Square

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



59.2830, -22.8175, -8.1412



57.2030, 18.6339, -50.1670



67.3740, 22.9866, 0.5490



63.6590, -12.6499, 44.1491

Rectangle

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



59.2830, -22.8175, -8.1412



52.8710, 2.0356, -46.3679



67.3740, 22.9866, 0.5490



65.2300, 4.8166, 41.8943

Sweetspot

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



59.2830, -22.8175, -8.1412



88.6870, -8.7197, -3.2335



44.4410, -15.5004, 25.0462



44.9090, -5.3781, -1.6742



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



59.2830, -22.8175, -8.1412



72.9330, -35.4630, -12.2192



50.3130, -18.3953, -26.5845



34.9460, -1.4524, -0.8296



76.3520, -37.6415, -13.4637



175.1090, -86.3287, -30.7906

Inverse Universe

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



26.7170, 22.8175, 8.1412



22.3660, 35.3156, 12.8340



35.6870, 18.3953, 26.5845



32.7550, 1.5998, 0.2149



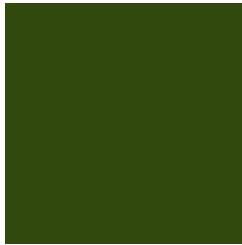
22.6480, 37.6415, 13.4637



51.8910, 86.3287, 30.7906

Previews

White Background



This preview shows how the YUV color 59.2830, -22.8175, -8.1412 looks on a white background.

Color Contrast Check

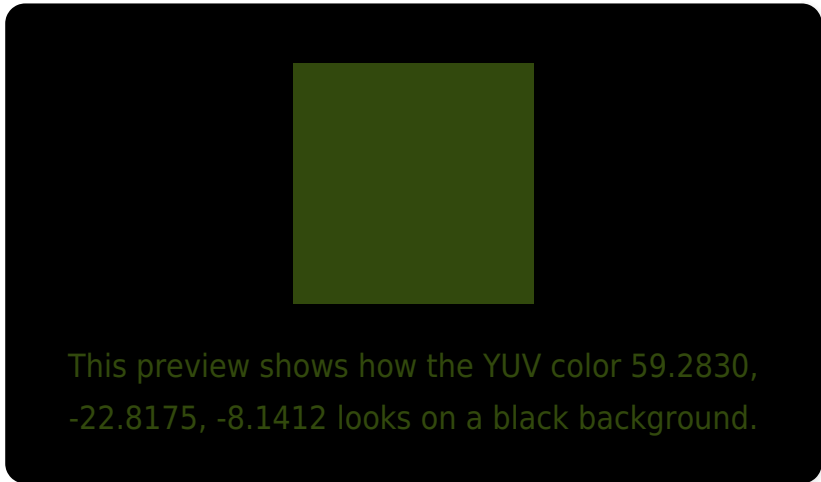
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

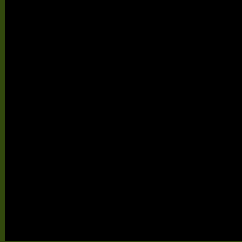
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2830, -22.8175, -8.1412

Background



This preview shows how black text looks on a background with the YUV color 59.2830, -22.8175, -8.1412.



This preview shows how white text looks on a background with the YUV color 59.2830, -22.8175,

-8.1412.

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

59.2830, -22.8175, -8.1412

Protanopia

62.1220, -25.2031, 10.4170

Deuteranopia

63.9640, -22.1673, 16.6946



Tritanopia

65.2810, 3.8055, -7.2624

Trichromacy



Original Color

59.2830, -22.8175, -8.1412

Protanomaly

61.3060, -24.3079, 3.2396

Deuteranomaly

62.4960, -22.4295, 7.4580

Tritanomaly

63.0500, -5.9406, -7.9368

Monochromacy



Original Color

59.2830, -22.8175, -8.1412

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.1000, -8.4303, -2.7187

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2830, -22.8175, -8.1412 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(50, 73, 13)` looks like.

```
.text, #text, p{  
    color:rgb(50, 73, 13)  
}
```

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(50, 73, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 73, 13) }
```

Border

The CSS property to change the border of an element to YUV 59.2830, -22.8175, -8.1412 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(50, 73, 13) }
```


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

```
.border{ border-color:rgb(50, 73, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 73, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 73, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 73, 13);  
box-shadow:4px 4px 4px 4px rgb(50, 73, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.2830, -22.8175, -8.1412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 73, 13) }
```

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

```
.background{ background-color: rgb(50, 73,  
13) }
```

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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