

Converting Colors

YUV(89.0410, -29.1072, 2.5950)

Have a look what the booklet for
YUV(89.0410, -29.1072, 2.5950)
contains.

YUV(89.0410, -29.1072, 2.5950)	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(89.0410, -29.1072,
2.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	5C631E
RGB	92, 99, 30
RGB Percent	36%, 39%, 12%
CMY	0.6392, 0.6118, 0.8824
CMYK	0.07, 0.00, 0.70, 0.61
HSL	66°, 53%, 25%
HSV	66°, 70%, 39%
XYZ	9.1098, 11.2927, 2.9279
YIQ	89.0410, 17.9770, -22.9430

Conversions

Conversions Part 2

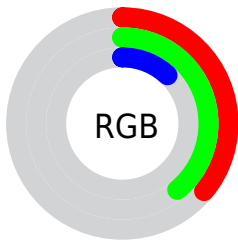
Format	Color
R_{YB}	30, 99, 37
Decimal	6054686
CIE Lab	40.07, -12.86, 36.75
CIE LCh	40, 38.937, 109.282
Yxy	11.2927, 0.3905, 0.4840
Android (android.graphics.Color)	4284244766 (0xFF5C631E)
YUV	89.0410, -29.1072, 2.5950
Hunter-Lab	33.6047, -10.4190, 18.3575

Details

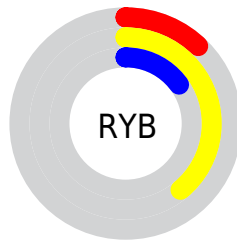
The YUV color **89.0410, -29.1072, 2.5950** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **39.9590, 29.1072, -2.5950**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9980, -30.5650, 3.5098**, and **44.2670, -21.8236, -0.2342** is the 20% darker color. If you saturate the color by 10%, you get **87.6020, -33.3278, 2.9800**, and if you desaturate by 10%, it is **90.4800, -24.8866, 2.2100**.

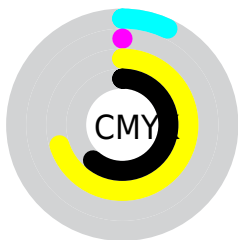
Distribution



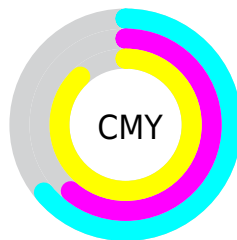
- Red (36%)
- Green (39%)
- Blue (12%)



- Red (12%)
- Yellow (39%)
- Blue (15%)



- Cyan (7%)
- Magenta (0%)
- Yellow (70%)
- Black (61%)



- Cyan (64%)
- Magenta (61%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0410, -29.1072, 2.5950 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 89.0410, -29.1072, 2.5950 by changing the saturation by 10% instead.

■ 89.0410, -29.1072,
2.5950

■ 89.0410, -29.1072,
2.5950

■ 255.0000, 0.0000,
0.0000

■ 64.5140, -29.8334,
2.1802

■ 139.9980,
-30.5650, 3.5098

■ 44.2670, -21.8236,
-0.2342

■ 166.1830,
-31.1492, 4.2245

■ 23.8780, -11.7719,
-4.2780

■ 193.9550,
-32.0228, 4.4245

■ 0.0000, 0.0000,
0.0000

■ 222.0260,
-33.0438, 5.2392

■ 246.7920,
-31.4495, 7.1984

■ 249.9840,

-19.2191, 4.3990

253.1760, -6.9888,
1.5996

89.0410, -29.1072,
2.5950

89.0410, -29.1072,
2.5950

87.6020, -33.3278,
2.9800

90.4800, -24.8866,
2.2100

86.1630, -37.5484,
3.3650

91.9190, -20.6661,
1.8250

84.7240, -41.7689,
3.7501

93.3580, -16.4455,
1.4400

94.7970, -12.2249,
1.0550

96.2360, -8.0043,
0.6700

■ 97.5610, -4.2206,
0.3850

■ 99.0000, 0.0000,
0.0000

■ 100.4390, 4.2206,
-0.3850

■ 101.8780, 8.4411,
-0.7700

Harmonies

Analogous

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



92.0270, -31.0723, 26.2863



89.0410, -29.1072, 2.5950



84.1820, -16.3587, -26.4696

Triad

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



89.0410, -29.1072, 2.5950



79.5840, 30.7711, -69.7952



95.4800, 5.6794, 45.1830

Complementary

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



89.0410, -29.1072, 2.5950



39.9590, 29.1072, -2.5950

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.



97.1810, 19.1378, 21.7663



89.0410, -29.1072, 2.5950



77.1850, 39.3488, -67.6912

Square

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



89.0410, -29.1072, 2.5950



77.5660, 17.9620, -68.0254



93.8110, 30.1662, -15.6202



93.6260, -9.1826, 52.0710

Rectangle

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



89.0410, -29.1072, 2.5950



72.3870, -0.6838, -60.8524



93.8110, 30.1662, -15.6202



96.7010, 10.5004, 38.8502

Sweetspot

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



89.0410, -29.1072, 2.5950



124.0250, -11.3513, 0.8551



54.7400, -12.1968, 38.8160



61.5780, -6.6940, 0.3701



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



89.0410, -29.1072, 2.5950



112.3990, -45.5527, 4.0351



78.8750, -24.0954, -18.3074



47.5440, -1.7472, 0.3999



95.9430, -47.2999, 4.4350



205.1650, -101.1463, 8.6253

Inverse Universe

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



39.9590, 29.1072, -2.5950



35.6010, 45.5527, -4.0351



50.1250, 24.0954, 18.3074



44.4560, 1.7472, -0.3999



16.0570, 47.2999, -4.4350



34.5360, 101.2938, -9.2401

Previews

White Background



This preview shows how the YUV color 89.0410, -29.1072, 2.5950 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 89.0410, -29.1072, 2.5950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

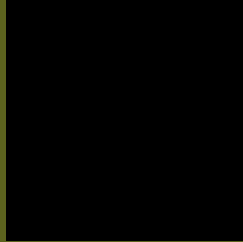
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.0410, -29.1072, 2.5950

Background



This preview shows how black text looks on a background with the YUV color 89.0410, -29.1072, 2.5950.



This preview shows how white text looks on a background with the YUV color 89.0410, -29.1072,

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

89.0410, -29.1072, 2.5950

Protanopia

90.7650, -30.4501, 13.3611

Deuteranopia

91.8740, -29.0249, 22.9125



Tritanopia

95.0050, 2.4625, 3.5036

Trichromacy



Original Color

89.0410, -29.1072, 2.5950

Protanomaly

89.8570, -30.0025, 9.7724

Deuteranomaly

90.8300, -29.0032, 15.9351

Tritanomaly

93.0190, -8.8834, 2.6143

Monochromacy



Original Color

89.0410, -29.1072, 2.5950

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2530, -10.4777, 0.6551

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0410, -29.1072, 2.5950 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(92, 99, 30)` looks like.

```
.text, #text, p{  
    color:rgb(92, 99, 30)  
}
```

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(92, 99, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 99, 30) }
```

Border

The CSS property to change the border of an element to YUV 89.0410, -29.1072, 2.5950 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(92, 99, 30) }
```


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

```
.border{ border-color:rgb(92, 99, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 99, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 99, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 99, 30);  
box-shadow:4px 4px 4px 4px rgb(92, 99, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.0410, -29.1072, 2.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 99, 30) }
```

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

```
.background{ background-color: rgb(92, 99,  
30) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor