

Converting Colors

YUV(59.2810, -22.8165,
38.3416)

Have a look what the booklet for
YUV(59.2810, -22.8165, 38.3416)
contains.

YUV(59.2810, -22.8165, 38.3416)	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(59.2810, -22.8165,
38.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	672E0D
RGB	103, 46, 13
RGB Percent	40%, 18%, 5%
CMY	0.5961, 0.8196, 0.9490
CMYK	0.00, 0.55, 0.87, 0.60
HSL	22°, 78%, 23%
HSV	22°, 87%, 40%
XYZ	6.6432, 4.8666, 0.9700
YIQ	59.2810, 44.5650, 1.8210

Conversions

Conversions Part 2

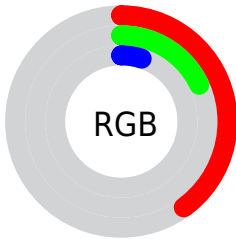
Format	Color
R_{YB}	103, 65, 13
Decimal	6761997
CIE _{Lab}	26.35, 23.41, 31.56
CIE _{LCh}	26, 39.294, 53.432
Yxy	4.8666, 0.5323, 0.3900
Android (android.graphics.Color)	4284952077 (0xFF672E0D)
YUV	59.2810, -22.8165, 38.3416
Hunter-Lab	22.0604, 15.1469, 12.8353

Details

The YUV color **59.2810, -22.8165, 38.3416** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **56.7190, 22.8165, -38.3416**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.7440, -25.0168, 44.0745**, and **16.1240, -7.9491, 29.7093** is the 20% darker color. If you saturate the color by 10%, you get **54.0320, -25.1588, 42.9449**, and if you desaturate by 10%, it is **64.5300, -20.4743, 33.7382**.

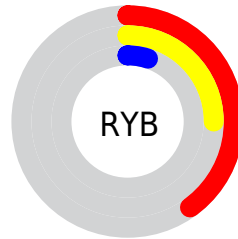
Distribution



Red (40%)

Green (18%)

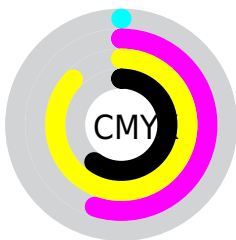
Blue (5%)



Red (40%)

Yellow (25%)

Blue (5%)

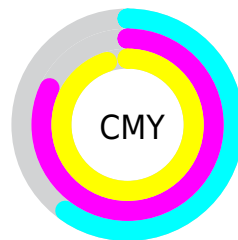


Cyan (0%)

Magenta (55%)

Yellow (87%)

Black (60%)



Cyan (60%)


Magenta (82%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 59.2810, -22.8165, 38.3416 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 59.2810, -22.8165, 38.3416 by changing the saturation by 10% instead.


 59.2810, -22.8165,
38.3416

 59.2810, -22.8165,
38.3416


 253.4040, -6.1152,
1.3997


 36.8120, -18.1483,
34.3679

 108.7440,
-25.0168, 44.0745


 16.1240, -7.9491,
29.7093


 134.7120,
-26.4800, 46.7336

 5.3820, -2.6533,
11.0660

 161.4950,
-27.3590, 48.6779

 0.0000, 0.0000,
0.0000

 189.1640,
-28.6749, 50.7222

 210.4830,
-25.8741, 39.0414

 230.5840,

-22.4729, 21.4128

■ 250.2120,
-18.3455, 4.1991

■ 59.2810, -22.8165,
38.3416

■ 59.2810, -22.8165,
38.3416

■ 54.0320, -25.1588,
42.9449

■ 64.5300, -20.4743,
33.7382

■ 53.1030, -26.1798,
43.7597

■ 69.3060, -17.4059,
29.5496

■ 74.5550, -15.0636,
24.9463

■ 79.2170, -12.4320,
20.8577

■ 84.5800, -9.6529,
16.1543

■ 89.2420, -7.0213,
12.0658

■ 94.4910, -4.6791,
7.4624

■ 99.1530, -2.0474,
3.3738

■ 104.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



58.1310, -8.4456, 48.9971



59.2810, -22.8165, 38.3416



59.1510, -29.1614, 20.0386

Triad

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



59.2810, -22.8165, 38.3416



50.8820, 2.0302, -44.6235



60.9640, 28.1187, -12.2464

Complementary

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



59.2810, -22.8165, 38.3416



56.7190, 22.8165, -38.3416

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.



53.8240, 33.6108, -47.2036



59.2810, -22.8165, 38.3416



54.3020, 15.1341, -47.6229

Square

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



59.2810, -22.8165, 38.3416



47.3810, -11.5268, -36.2911



55.9780, 26.6328, -49.0927



63.9210, 16.8009, 24.6253

Rectangle

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



59.2810, -22.8165, 38.3416



57.2910, -28.2445, 5.8838



55.9780, 26.6328, -49.0927



54.3850, 32.8412, -33.6636

Sweetspot

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



59.2810, -22.8165, 38.3416



118.0960, -8.9213, 14.8248



46.4080, 11.6309, 49.6312



58.3880, -5.1213, 9.3067



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



59.2810, -22.8165, 38.3416



69.7150, -34.3695, 57.2549



85.6960, -35.8391, 15.1756



48.6690, -1.3158, 2.0443



59.0390, -29.1062, 49.0778



124.6010, -61.4283, 102.9589

Inverse Universe

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



56.7190, 22.8165, -38.3416



65.8720, 34.0801, -57.7697



30.3040, 35.8391, -15.1756



48.3310, 1.3158, -2.0443



55.9610, 29.1062, -49.0778



117.3990, 61.4283, -102.9589

Previews

White Background



This preview shows how the YUV color 59.2810, -22.8165, 38.3416 looks on a white background.

Color Contrast Check

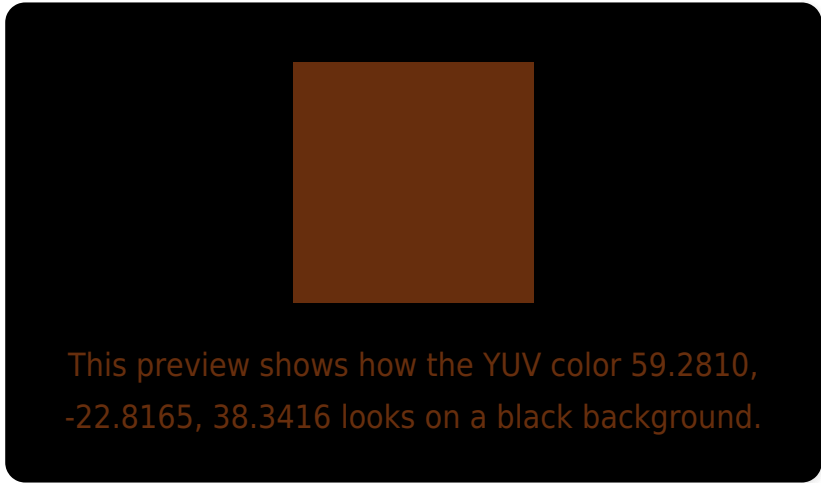
Large Text (above 18pt) WCAG AA ✓ Pass

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

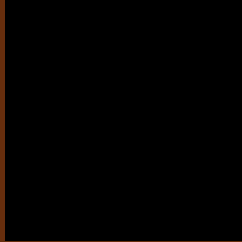
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2810, -22.8165, 38.3416

Background



This preview shows how black text looks on a background with the YUV color 59.2810, -22.8165, 38.3416.



This preview shows how white text looks on a background with the YUV color 59.2810, -22.8165,

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

59.2810, -22.8165, 38.3416

Protanopia

60.1480, -21.2720, 9.5172

Deuteranopia

59.1400, -29.1560, 18.2942



Tritanopia

61.5810, -7.6814, 37.2015

Trichromacy



Original Color

59.2810, -22.8165, 38.3416

Protanomaly

60.1000, -21.7413, 20.0833

Deuteranomaly

59.1670, -26.7043, 25.2865

Tritanomaly

60.8000, -13.2124, 37.8864

Monochromacy



Original Color

59.2810, -22.8165, 38.3416

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9110, -8.3371, 14.1101

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2810, -22.8165, 38.3416 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(103, 46, 13)` looks like.

```
.text, #text, p{  
    color:rgb(103, 46, 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(103, 46, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 46, 13) }
```

Border

The CSS property to change the border of an element to YUV 59.2810, -22.8165, 38.3416 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(103, 46, 13) }
```


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

```
.border{ border-color:rgb(103, 46, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 46, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 46, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 46, 13);  
box-shadow:4px 4px 4px 4px rgb(103, 46,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 59.2810, -22.8165, 38.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 46, 13) }
```

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

```
.background{ background-color: rgb(103, 46,  
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](#).

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