

Converting Colors

YUV(49.2810, -22.8165,
38.3416)

Have a look what the booklet for
YUV(49.2810, -22.8165, 38.3416)
contains.

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Color

**YUV(49.2810, -22.8165,
38.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	5D2403
RGB	93, 36, 3
RGB Percent	36%, 14%, 1%
CMY	0.6353, 0.8588, 0.9882
CMYK	0.00, 0.61, 0.97, 0.64
HSL	22°, 94%, 19%
HSV	22°, 97%, 36%
XYZ	5.1615, 3.5955, 0.5081
YIQ	49.2810, 44.5650, 1.8210

Conversions

Conversions Part 2

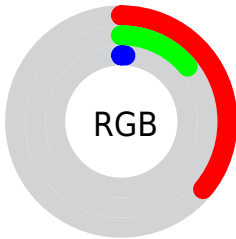
Format	Color
RYB	93, 55, 3
Decimal	6104067
CIELab	22.29, 24.32, 31.16
CIELCh	22, 39.522, 52.031
Yxy	3.5955, 0.5571, 0.3881
Android (android.graphics.Color)	4284294147 (0xFF5D2403)
YUV	49.2810, -22.8165, 38.3416
Hunter-Lab	18.9618, 15.4058, 11.6845

Details

The YUV color **49.2810, -22.8165, 38.3416** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **46.7190, 22.8165, -38.3416**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.5590, -24.4326, 43.3598**, and **12.5580, -6.1911, 25.8206** is the 20% darker color. If you saturate the color by 10%, you get **47.7650, -23.5481, 39.6711**, and if you desaturate by 10%, it is **53.8290, -20.6217, 34.3530**.

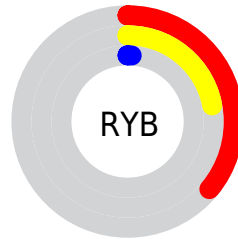
Distribution



Red (36%)

Green (14%)

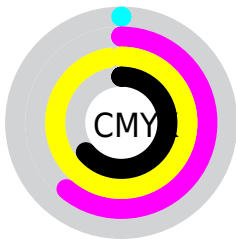
Blue (1%)



Red (36%)

Yellow (22%)

Blue (1%)

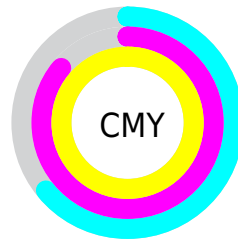


Cyan (0%)

Magenta (61%)

Yellow (97%)

Black (64%)



Cyan (64%)


Magenta (86%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 49.2810, -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 49.2810, -22.8165, 38.3416 by changing the saturation by 10% instead.


 49.2810, -22.8165,
38.3416

 49.2810, -22.8165,
38.3416

 252.1500,
-10.9200, 2.4994

 27.3650, -13.4909,
33.8829


 98.5590, -24.4326,
43.3598


 12.5580, -6.1911,
25.8206

 123.9400,
-25.6064, 46.5336

 0.0000, 0.0000,
0.0000


 150.7230,
-26.4854, 48.4779


 177.8050,
-27.5119, 51.0370


 202.2990,
-26.7694, 46.2188


 221.6990,


-23.5156, 29.2050


 241.9140,
-19.6776, 11.4764


 49.2810, -22.8165,
38.3416


 49.2810, -22.8165,
38.3416


 47.7650, -23.5481,
39.6711

 53.8290, -20.6217,
34.3530

 58.4910, -17.9901,
30.2644

 63.0390, -15.7952,
26.2758

 67.5870, -13.6004,
22.2872

 71.6620, -10.6794,
18.7134

■ 76.2100, -8.4845,
14.7248

■ 80.7580, -6.2897,
10.7362

■ 85.3060, -4.0949,
6.7476

■ 89.9680, -1.4632,
2.6591

Harmonies

Analogous

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



47.7720, -7.2826, 49.3120



49.2810, -22.8165, 38.3416



50.5900, -24.9409, 19.6536

Triad

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



49.2810, -22.8165, 38.3416



43.7580, 0.1193, -38.3758



50.6430, 28.2770, -16.3499

Complementary

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



49.2810, -22.8165, 38.3416



46.7190, 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.



47.4010, 31.8473, -41.5707



49.2810, -22.8165, 38.3416



47.2920, 13.6600, -41.4751

Square

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



49.2810, -22.8165, 38.3416



38.4630, -12.5533, -33.7321



49.4410, 24.4326, -43.3598



54.1380, 17.6800, 22.6810

Rectangle

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



49.2810, -22.8165, 38.3416



49.6160, -24.4607, 5.5988



49.4410, 24.4326, -43.3598



43.7650, 33.1469, -38.3819

Sweetspot

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



49.2810, -22.8165, 38.3416



103.0960, -8.9213, 14.8248



36.4080, 11.6309, 49.6312



50.9750, -5.4107, 8.7919



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



49.2810, -22.8165, 38.3416



61.7080, -30.4220, 51.1221



75.6960, -35.8391, 15.1756



43.6690, -1.3158, 2.0443



56.3700, -27.7904, 47.0335



121.9320, -60.1125, 100.9146

Inverse Universe

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



46.7190, 22.8165, -38.3416



58.2920, 30.4220, -51.1221



20.3040, 35.8391, -15.1756



43.3310, 1.3158, -2.0443



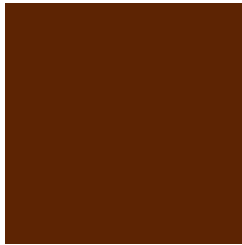
53.0430, 28.0798, -46.5187



115.0680, 60.1125, -100.9146

Previews

White Background



This preview shows how the YUV color 49.2810, -22.8165, 38.3416 looks on a white background.

Color Contrast Check

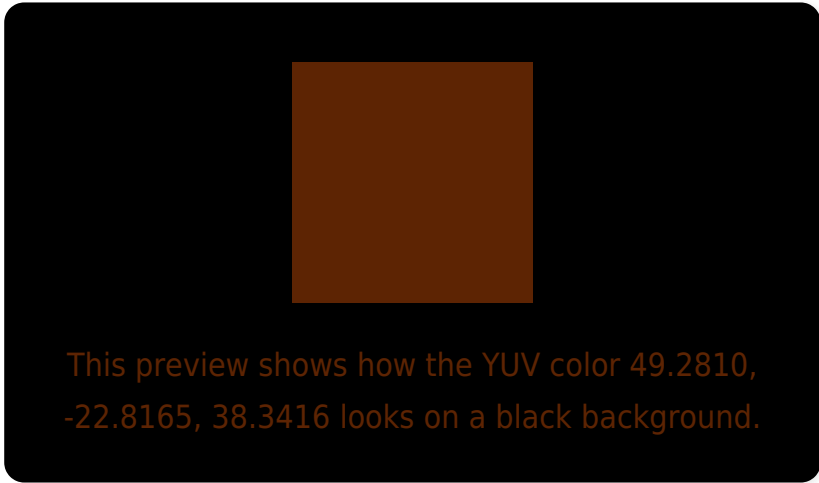
Large Text (above 18pt) WCAG AA ✓ Pass

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

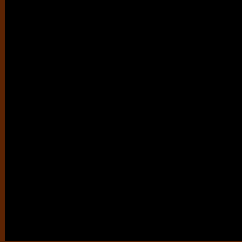
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.2810, -22.8165, 38.3416

Background



This preview shows how black text looks on a background with the YUV color 49.2810, -22.8165, 38.3416.



This preview shows how white text looks on a background with the YUV color 49.2810, -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

49.2810, -22.8165, 38.3416

Protanopia

51.6640, -20.5404, 8.1877

Deuteranopia

51.1550, -25.2194, 15.6501



Tritanopia

52.0540, -8.4076, 36.7866

Trichromacy



Original Color

49.2810, -22.8165, 38.3416

Protanomaly

50.8010, -21.5939, 19.4685

Deuteranomaly

50.4380, -24.3729, 24.1719

Tritanomaly

51.2730, -13.9386, 37.4716

Monochromacy



Original Color

49.2810, -22.8165, 38.3416

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9110, -8.3371, 14.1101

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.2810, -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(93, 36, 3)` looks like.

```
.text, #text, p{  
    color:rgb(93, 36, 3)  
}
```

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(93, 36, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 36, 3) }
```

Border

The CSS property to change the border of an element to YUV 49.2810, -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(93, 36, 3) }
```


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

```
.border{ border-color:rgb(93, 36, 3) }
```

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

Here you see how a box with a 4 pixel rgb(93, 36, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 36, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(93, 36, 3); box-shadow:4px  
4px 4px 4px rgb(93, 36, 3) }
```

Background

The CSS property to change the background color of an element to YUV 49.2810, -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(93, 36, 3) }
```

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

```
.background{ background-color: rgb(93, 36,  
3) }
```

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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