

Converting Colors

YUV(65.6990, -23.5156,
29.2050)

Have a look what the booklet for
YUV(65.6990, -23.5156, 29.2050)
contains.

YUV(65.6990, -23.5156, 29.2050)	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(65.6990, -23.5156,
29.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	633A12
RGB	99, 58, 18
RGB Percent	39%, 23%, 7%
CMY	0.6118, 0.7725, 0.9294
CMYK	0.00, 0.41, 0.82, 0.61
HSL	30°, 69%, 23%
HSV	30°, 82%, 39%
XYZ	6.7678, 5.7224, 1.3201
YIQ	65.6990, 37.2760, -3.7480

Conversions

Conversions Part 2

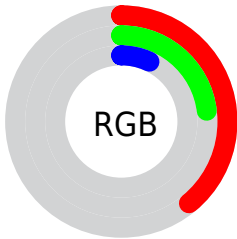
Format	Color
RYB	99, 97, 18
Decimal	6502930
CIELab	28.70, 14.56, 31.13
CIELCh	29, 34.363, 64.926
Yxy	5.7224, 0.4901, 0.4144
Android (android.graphics.Color)	4284693010 (0xFF633A12)
YUV	65.6990, -23.5156, 29.2050
Hunter-Lab	23.9216, 8.6379, 13.4732

Details

The YUV color **65.6990, -23.5156, 29.2050** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **51.3010, 23.5156, -29.2050**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.5640, -25.4211, 33.7084**, and **23.4450, -11.5584, 20.6577** is the 20% darker color. If you saturate the color by 10%, you get **61.6240, -26.4366, 32.7788**, and if you desaturate by 10%, it is **69.7740, -20.5946, 25.6312**.

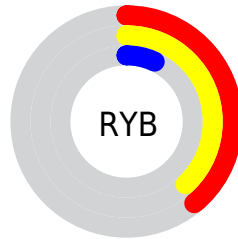
Distribution



Red (39%)

Green (23%)

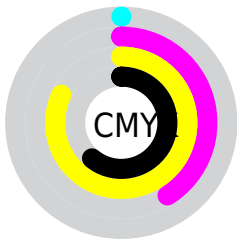
Blue (7%)



Red (39%)

Yellow (38%)

Blue (7%)

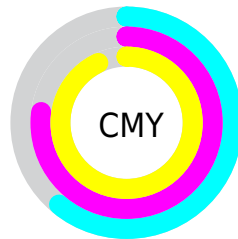


Cyan (0%)

Magenta (41%)

Yellow (82%)

Black (61%)



Cyan (61%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.6990, -23.5156, 29.2050 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 65.6990, -23.5156, 29.2050 by changing the saturation by 10% instead.

■ 65.6990, -23.5156,
29.2050

■ 65.6990, -23.5156,
29.2050

■ 254.2020, -3.0576,
0.6998

■ 42.9590, -21.1788,
26.3460

■ 114.5640,
-25.4211, 33.7084

■ 23.4450, -11.5584,
20.6577

■ 141.2330,
-26.7369, 35.7527

■ 5.9800, -2.9481,
12.2955

■ 167.7170,
-27.4685, 37.0822

■ 0.0000, 0.0000,
0.0000

■ 195.5000,
-28.3475, 39.0265

■ 218.7980,
-27.0154, 31.7492

■ 239.0130,

-23.1774, 14.0206

■ 251.0100,
-15.2879, 3.4992

■ 65.6990, -23.5156,
29.2050

■ 65.6990, -23.5156,
29.2050

■ 61.6240, -26.4366,
32.7788

■ 69.7740, -20.5946,
25.6312

■ 58.3640, -28.7735,
35.6378

■ 73.8490, -17.6736,
22.0574

■ 77.9240, -14.7525,
18.4837

■ 81.9990, -11.8315,
14.9099

■ 86.0740, -8.9105,
11.3361

■ 90.0350, -6.4263,
7.8623

■ 94.1100, -3.5052,
4.2885

■ 98.1850, -0.5842,
0.7148

■ 102.2600, 2.3368,
-2.8590

Harmonies

Analogous

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



66.4090, -13.5126, 40.8603



65.6990, -23.5156, 29.2050



63.8510, -27.5345, 11.5317

Triad

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



65.6990, -23.5156, 29.2050



55.0540, 7.8614, -48.2824



69.4130, 20.5024, 4.0228

Complementary

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



65.6990, -23.5156, 29.2050



51.3010, 23.5156, -29.2050

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.



57.2870, 31.4105, -41.4707



65.6990, -23.5156, 29.2050



58.0180, 19.2181, -50.8818

Square

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



65.6990, -23.5156, 29.2050



51.3890, -3.6428, -45.0682



57.7220, 28.2381, -50.6222



69.3470, 10.6749, 29.5137

Rectangle

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



65.6990, -23.5156, 29.2050



62.5010, -23.4180, -2.1934



57.7220, 28.2381, -50.6222



68.1450, 23.5925, -7.1432

Sweetspot

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



65.6990, -23.5156, 29.2050



114.3730, -9.0579, 11.9509



47.0070, 6.4055, 45.5979



55.9640, -5.4053, 7.0476



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.



65.6990, -23.5156, 29.2050



76.1820, -36.0787, 45.4444



89.1790, -35.0912, 8.6130



46.3700, -1.1684, 1.4295



65.7730, -32.4261, 40.5411



141.0260, -69.5258, 86.8002

Inverse Universe

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



51.3010, 23.5156, -29.2050



54.2310, 36.3681, -44.9296



27.8210, 35.0912, -8.6130



45.6300, 1.1684, -1.4295



46.2270, 32.4261, -40.5411



98.3870, 69.8152, -86.2854

Previews

White Background



This preview shows how the YUV color 65.6990, -23.5156, 29.2050 looks on a white background.

Color Contrast Check

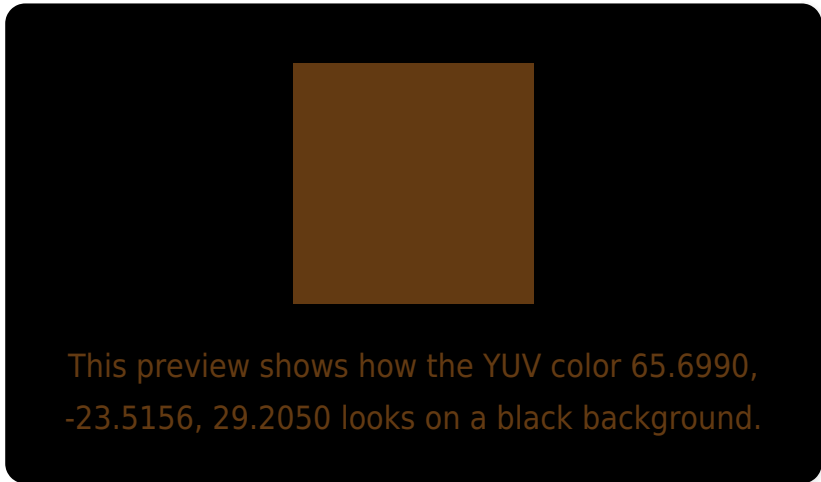
Large Text (above 18pt) WCAG AA ✓ Pass

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

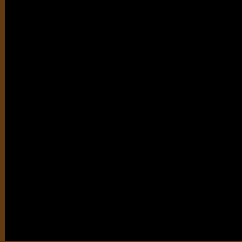
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.6990, -23.5156, 29.2050

Background



This preview shows how black text looks on a background with the YUV color 65.6990, -23.5156, 29.2050.



This preview shows how white text looks on a background with the YUV color 65.6990, -23.5156,

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

65.6990, -23.5156, 29.2050

Protanopia

65.3330, -21.8562, 10.2320

Deuteranopia

65.5790, -24.9354, 17.9092



Tritanopia

68.5090, -5.1809, 28.4946

Trichromacy



Original Color

65.6990, -23.5156, 29.2050

Protanomaly

65.2630, -22.3147, 17.3093

Deuteranomaly

65.4270, -24.3675, 22.4275

Tritanomaly

67.0870, -11.8749, 28.8647

Monochromacy



Original Color

65.6990, -23.5156, 29.2050

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8890, -8.3263, 10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.6990, -23.5156, 29.2050 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(99, 58, 18)` looks like.

```
.text, #text, p{  
    color:rgb(99, 58, 18)  
}
```

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(99, 58, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 58, 18) }
```

Border

The CSS property to change the border of an element to YUV 65.6990, -23.5156, 29.2050 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(99, 58, 18) }
```


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

```
.border{ border-color:rgb(99, 58, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 58, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 58, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 58, 18);  
box-shadow:4px 4px 4px 4px rgb(99, 58, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.6990, -23.5156, 29.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 58, 18) }
```

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

```
.background{ background-color: rgb(99, 58,  
18) }
```

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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