

Converting Colors

YUV(72.5710, -25.9175,
52.9962)

Have a look what the booklet for
YUV(72.5710, -25.9175, 52.9962)
contains.

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Color

**YUV(72.5710, -25.9175,
52.9962)**

Conversions

Conversions Part 1

Format	Color
Hex	853414
RGB	133, 52, 20
RGB Percent	52%, 20%, 8%
CMY	0.4784, 0.7961, 0.9216
CMYK	0.00, 0.61, 0.85, 0.48
HSL	17°, 74%, 30%
HSV	17°, 85%, 52%
XYZ	11.0271, 7.4930, 1.5269
YIQ	72.5710, 58.5480, 7.2200

Conversions

Conversions Part 2

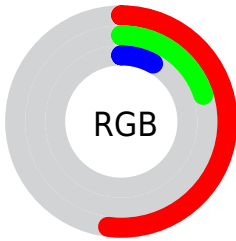
Format	Color
R_{YB}	133, 65, 20
Decimal	8729620
CIE Lab	32.90, 33.07, 36.09
CIE LCh	33, 48.948, 47.499
Yxy	7.4930, 0.5501, 0.3738
Android (android.graphics.Color)	4286919700 (0xFF853414)
YUV	72.5710, -25.9175, 52.9962
Hunter-Lab	27.3734, 24.0036, 15.8541

Details

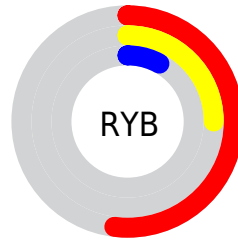
The YUV color **72.5710, -25.9175, 52.9962** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **80.4290, 25.9175, -52.9962**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.2190, -28.7020, 59.4439**, and **22.7240, -11.2029, 46.7231** is the 20% darker color. If you saturate the color by 10%, you get **65.2190, -28.7020, 59.4439**, and if you desaturate by 10%, it is **79.9230, -23.1330, 46.5485**.

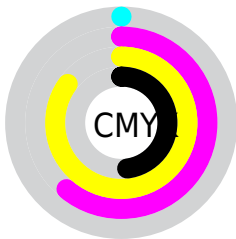
Distribution



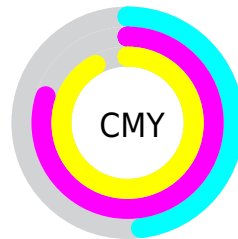
- Red (52%)
- Green (20%)
- Blue (8%)



- Red (52%)
- Yellow (25%)
- Blue (8%)



- Cyan (0%)
- Magenta (61%)
- Yellow (85%)
- Black (48%)





- Cyan (48%)
- Magenta (80%)
- Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.5710, -25.9175, 52.9962 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 72.5710, -25.9175, 52.9962 by changing the saturation by 10% instead.


 72.5710, -25.9175,
52.9962


 72.5710, -25.9175,
52.9962


 254.5440, -1.7472,
0.3999

 47.2440, -23.2913,
50.6520


 124.2190,
-28.7020, 59.4439

 22.7240, -11.2029,
46.7231


 151.1870,
-30.1652, 62.1030


 14.9500, -7.3703,
30.7388

 178.8560,
-31.4810, 64.1473

 1.7940, -0.8844,
3.6887


 198.4520,
-28.8168, 49.5926


 0.0000, 0.0000,
0.0000


 217.9660,
-25.1262, 32.4788


 238.0670,


-21.7250, 14.8502


 251.3520,
-13.9775, 3.1993


 72.5710, -25.9175,
52.9962


 72.5710, -25.9175,
52.9962


 65.2190, -28.7020,
59.4439


 79.9230, -23.1330,
46.5485

 62.0730, -30.6020,
62.2030

 86.8020, -19.6224,
40.5156

 94.1540, -16.8379,
34.0679

 100.9190,
-13.7641, 28.1350

 108.3850,
-10.5428, 21.5874

■ 115.1500, -7.4690,
15.6544

■ 122.5020, -4.6845,
9.2067

■ 129.2670, -1.6106,
3.2738

■ 136.7330, 1.6106,
-3.2738

Harmonies

Analogous

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



70.3980, -6.6052, 65.4260



72.5710, -25.9175, 52.9962



73.3820, -36.1773, 30.3600

Triad

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



72.5710, -25.9175, 52.9962



61.9040, -1.4317, -54.2898



70.6330, 40.1139, -33.0041

Complementary

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



72.5710, -25.9175, 52.9962



80.4290, 25.9175, -52.9962

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.



68.5110, 41.6531, -60.0841



72.5710, -25.9175, 52.9962



67.1650, 16.1877, -58.9037

Square

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



72.5710, -25.9175, 52.9962



60.9760, -20.6942, -35.9360



69.8670, 31.6176, -61.2734



79.0980, 25.0947, 24.4701

Rectangle

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



72.5710, -25.9175, 52.9962



72.0870, -35.5389, 12.2017



69.8670, 31.6176, -61.2734



64.0430, 44.8418, -56.1657

Sweetspot

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



72.5710, -25.9175, 52.9962



149.9010, -9.8112, 20.2578



63.2490, 19.5972, 61.1716



72.8830, -5.8583, 12.3806



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



72.5710, -25.9175, 52.9962



80.4900, -39.6816, 81.1313



104.8560, -41.8340, 24.6823



62.9680, -1.4632, 2.6591



60.5890, -29.8704, 60.8734



1.4840, -0.7316, 1.3295

Inverse Universe

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



80.4290, 25.9175, -52.9962



92.5100, 39.6816, -81.1313



48.1440, 41.8340, -24.6823



63.0320, 1.4632, -2.6591



69.4110, 29.8704, -60.8734



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 72.5710, -25.9175, 52.9962 looks on a white background.

Color Contrast Check

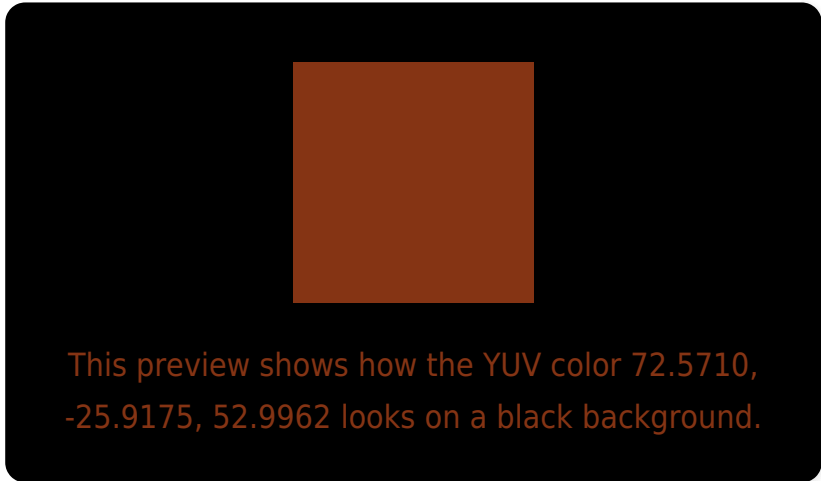
Large Text (above 18pt) WCAG AA ✓ Pass

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

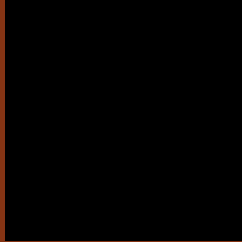
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.5710, -25.9175, 52.9962

Background



This preview shows how black text looks on a background with the YUV color 72.5710, -25.9175, 52.9962.



This preview shows how white text looks on a background with the YUV color 72.5710, -25.9175,

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

72.5710, -25.9175, 52.9962

Protanopia

75.7630, -24.0402, 10.7318

Deuteranopia

73.9510, -32.5138, 21.9680



Tritanopia

74.7570, -11.2192, 51.9561

Trichromacy



Original Color

72.5710, -25.9175, 52.9962

Protanomaly

74.3350, -24.8152, 26.0162

Deuteranomaly

73.2990, -30.2204, 33.0638

Tritanomaly

73.9760, -16.7502, 52.6410

Monochromacy



Original Color

72.5710, -25.9175, 52.9962

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.7160, -9.2270, 19.5431

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.5710, -25.9175, 52.9962 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(133, 52, 20)` looks like.

```
.text, #text, p{  
    color:rgb(133, 52, 20)  
}
```

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(133, 52, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 52, 20) }
```

Border

The CSS property to change the border of an element to YUV 72.5710, -25.9175, 52.9962 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(133, 52, 20) }
```


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

```
.border{ border-color:rgb(133, 52, 20) }
```

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

Here you see how a box with a 4 pixel rgb(133, 52, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 52, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 52, 20);  
box-shadow:4px 4px 4px 4px rgb(133, 52,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 72.5710, -25.9175, 52.9962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 52, 20) }
```

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

```
.background{ background-color: rgb(133, 52,  
20) }
```

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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